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inc.

The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

MAY 11 1957



Morny have pleasure in announcing the addition of a full range of fine quality Soaps in the famous June Roses fragrance. Attractive show material to link up with colour advertisements in Woman, Woman's Own and other large circulation journals is available on request.



Visitors' Disks
(Box of 6)
3/-



1/-



3/9

11



**SMITH
OF EDINBURGH**



JALAP

Jalap Resin B.P.C. extracted from Mexican Root; Jalap Prepared Powder and Jalapin (insoluble) also available.

MALE FERN

Extract of Male Fern (Smith) is specially prepared for encapsulation and meets the requirements of all pharmacopœias.

OLEORESINS

Oleoresin of Capsicum B.P.C. and Oleoresin of Ginger B.P.C.; also special grades to customers' requirements.

SANTONIN

Colourless, odourless crystals or crystalline powder, available in packs $\frac{1}{8}$ oz. upwards; competitive prices, delivery from stock.

SCAMMON

Scammony Resin (Smith) meets the requirements of the B.P.C. P.Fran.7, P.Belg.4 and offered as lump or pale brown powder.



T. & H. SMITH LTD · BLANDFIELD CHEMICAL WORKS · EDINBURGH



Acute infections, surgery of the alimentary tract and the administration of antibiotics are particularly associated with impaired absorption or utilisation of the vitamin B complex. Initial intensive therapy (oral or parenteral) is provided by Beccovite, with subsequent maintenance by Befortiss.

For intensive therapy BECOVITE B Complex

Tablets, 2 ml. Ampoules (Boxes of 3 pairs) Elixir (6 fl. oz.)

For maintenance therapy BEFORTISS B Complex

Tablets, 1 ml. Ampoules (Boxes of 5) Elixir (6 fl. oz.)

ALL DETAILS OF PACKS AND PRICES ON REQUEST. ALL PRESCRIBABLE ON THE N.H.S.

PARENTROVITE for Neuroses & Psychoses
An injectable preparation of B vitamins and vitamin C in high concentration.

(In boxes of 3 pairs of ampoules.
Hospital packs also available.)

OROVITE for Oral use

A preparation containing the same B complex vitamins in high concentration, is also available.
In tablets and elixir.



VITAMINS LIMITED

(DEPT. AA8), UPPER MALL, LONDON, W.6



Now — all the comfort and protection that comes from years of research and consumer testing. The finest sanitary towel ever produced — and at the right price for big sales.

1/- per box of 6
2/- per box of 12

LOOK *Free Cinema Seats for you*

You who sell Modess With Cotton Wool across the counter will find inside the top flap of every 4-gross carton a voucher for **TWO FREE SEATS AT YOUR LOCAL A.B.C. CINEMA** (and one free seat in every 2-gross carton). This scheme operates until further notice.

STOCK UP NOW

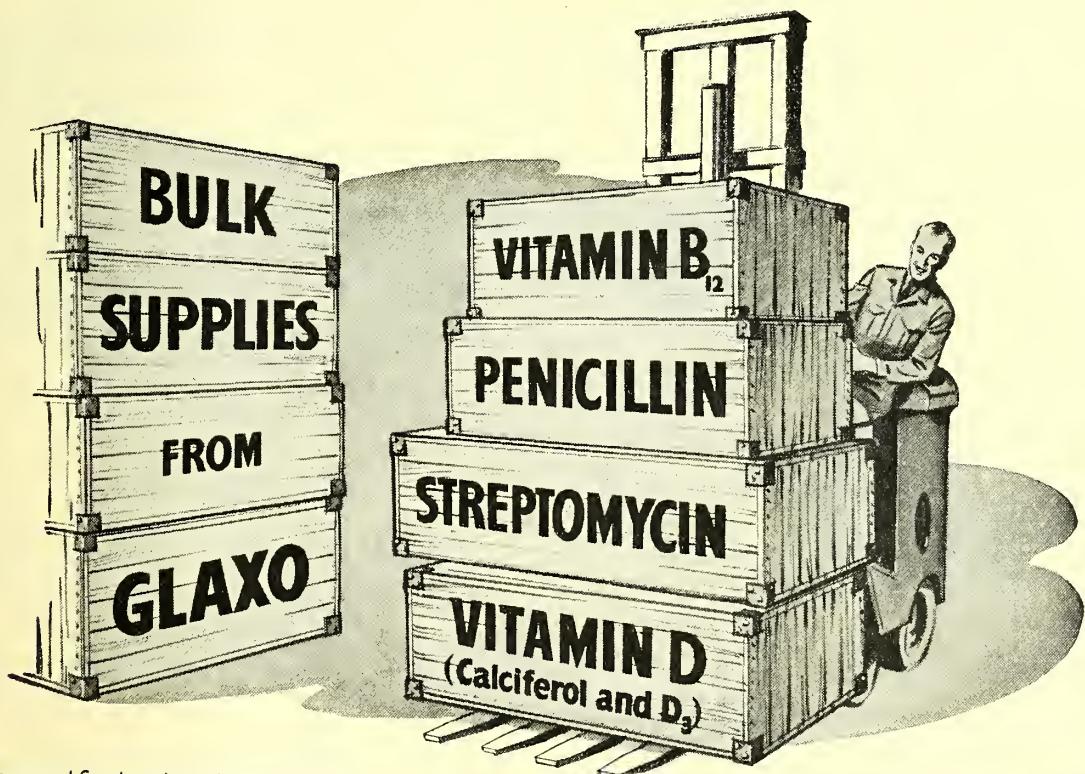
Sell Modess with Cotton Wool — the best towel on the market.

Johnson & Johnson PERSONAL PRODUCTS DIVISION · SLOUGH · BUCKS

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Please send for details and quotations to

BULK SALES DEPT., GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX BYR0N 3434



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Special Introductory Offer
of the **NEW NOXACORN**
FOOT POWDER
Available until May 27th

Retail Price
3/- each

Trade Price
22/- dozen

We are making this Special Bonus Introductory Offer to retail chemists of 12 x 2/1d. NOXACORN charged as 11 only plus 1 x 3/- NOXACORN FOOTPOWDER on every dozen NOXACORN ordered.

NOXACORN FOOT POWDER does

- 1. Soothe tired, tender, aching feet.
- 2. Control foot perspiration.
- 3. Eliminate foot odour.
- 4. Adhere to the feet.
- 5. Inhibit the growth of bacteria.
- 6. And is absorbent and antiseptic.

Write at once for BONUS OFFER to :
MANSTON MEDICAL PRODUCTS LTD.
Green Lane, Hounslow, Middx.

Please send medozen(s) at 2/1d. NOXACORN each dozen charged as 11 only, plus 1 Free 3/- NOXACORN FOOT POWDER with each dozen.

Advertising: Advertisements for NOXACORN FOOT POWDER are appearing in the National and Provincial Press, Women's Magazines and Periodicals, reaching millions of readers.

Great *Name-the-Meet-dog* Contest!

BOOST YOUR SALES!



**NEW!
EXCITING!
£2,600
COMPETITION**

- * **Bigger Meet Sales — for you!**
- * **Bigger Profits — for you!**
- * **£355 in Special Prizes — for you!**

Backed to the hilt by
NATIONWIDE ADVERTISING!
MORE THAN 30,000,000
customers will see
**SPECIAL BIG SPACE ADS. IN
NATIONAL PRESS—AND ON T.V.!**

Order from
your usual
Suppliers!



**Big Prizes
for your customers!**

FIRST PRIZE
—a houseful of furniture or £1,250 in cash!
OTHER PRIZES
—20 Hoover Washing Machines
—50 'Fivers' in the new £5 notes.

**71 Special £5 Prizes
for you!**

*The retailers who supply the prize-winners
with their tins of Meet will receive £5 in cash!

Stock up with *Meet* now!

COMPETITION ADVERTISING BREAKS JUNE 21st 1957

Start selling for the *Meet* Contest now!



This line is available most attractively presented under ten different designs supported by display material.

Our representatives will give you further details, or if you care to write direct (Sales Department) we shall be happy to send you samples of Adults and Children's Travel Sickness Tablets.

**GO BY QUALITY—
GO BUY**



ARTHUR H. COX & CO. LTD., BRIGHTON

To be Published in May

TUTORIAL PHARMACY

*John W. Cooper, F.P.S.; and Colin Gunn, B.Pharm., F.P.S., Head
of the School of Pharmacy, Leicester College of Technology and Commerce.*

A new fifth edition of the famous "Cooper and Gunn" is now ready. Extensively revised and with much new material added this new edition contains the same orderly presentation of information and clarity that have made "Tutorial Pharmacy" one of the most popular and widely read textbooks for many years.

Crown 8vo. 740 pages. 45s. net

NEW & NON-OFFICIAL REMEDIES 1957

*Containing Descriptions of Drugs Evaluated by the Council on Pharmacy
and Chemistry of the American Medical Association.*

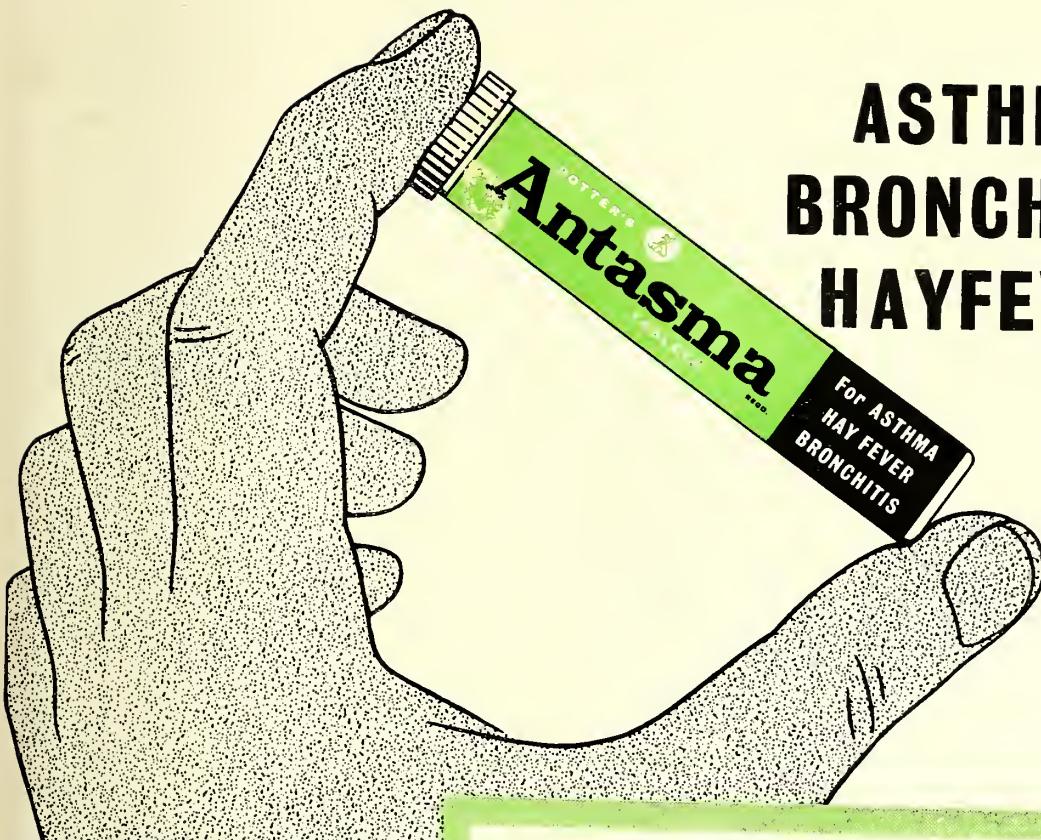
The latest edition of the important year book which is regarded as essential for everyone using drugs professionally. The usual arrangement of the information is maintained and the price is also maintained at the usual figure.

30s. net

PITMAN MEDICAL PUBLISHING CO. LTD.

45 NEW OXFORD STREET · LONDON · W.C.1

ASTHMA BRONCHITIS HAYFEVER



Potter's

introduce a **NEW** asthma preparation in tablet form.

Asthma sufferers today expect a form of relief that is immediate. Something that can be taken any time, anywhere. Potter & Clarke Ltd., whose name has so long been associated with asthma remedies, now introduce Potter's ANTASMA, a tablet preparation. This form of ON-THE-SPOT TREATMENT is the outcome of intense research and tests have shown it to be unusually quick and effective in its results. A sure seller, Potter's ANTASMA is sold in single phials or in a large economy carton holding three.

BONUS OFFER

Introductory BONUS TERMS through WHOLE-SALERS ONLY are available for an indefinite period. The bonus is based on MINIMUM QUANTITIES of 2 dozen cartons of the small size together with one dozen of the large size, packed in an attractive display outer.

ONE CARTON IN EVERY DOZEN FREE

PRICES	WHOLESALE	RETAIL
SMALL SIZE (one phial)	14/- per dozen plus P. Tax = 18/6	2/-
LARGE SIZE (three phials)	36/- per dozen plus P. Tax = 46/9	5/-

**THROUGH WHOLESALERS
ONLY PLEASE**



Sole Proprietors and Manufacturers:

POTTER & CLARKE LIMITED · RIVER ROAD · BARKING · ESSEX · RIPPleway 3041



Maintaining Leadership



The élite Ortho line of gynaecologic pharmaceuticals results from original work in the Ortho Research Foundation - universally acknowledged by physicians as the leading authority in its specialist field.

Ortho products are the most widely prescribed of their kind and are constantly before the medical profession through the medium of a large field force of well-trained professional service representatives and prominent publicity in the medical press.

Aci-Jel

For restoration and maintenance of normal vaginal acidity. Bland, non-irritating highly buffered acid jelly for topical use in routine treatment of vaginitis.

Aci-Jel: 85 gm. tube with or without applicator.

Triple Sulfa Cream

For bacterial vaginal infections, post-cautery and postpartum healing. Combines three sulphonamides with urea peroxide for more effective control of a wide variety of vaginal pathogens. *Triple Sulfa Cream*: 80 gm. tube with or without applicator.

Ortho Dienoestrol Cream

Vaginal oestrogen therapy for senile and atrophic vaginitis and postmenopausal pruritus vulvae. Contains 0.1 mg. of the synthetic oestrogen dienoestrol per gram of cream base. *Dienoestrol Cream*: 80 gm. tube with or without applicator.

Gentersal

An improved form of gentian violet with benzalkonium chloride, designed for specific treatment of vaginal candidiasis (moniliasis). A more effective fungicidal agent, non-irritating and less staining. *Gentersal Cream*: 60 gm. tube complete with 15 disposable applicators.

Tritheon

(Aminitroazole Tablets). First oral therapy for Trichomoniasis in the female and the male. Each tablet contains 100 mg. 2-acetylaminio-5-nitrothiazole. *Tritheon*: Bottles of 30, 180 and 1,000 tablets.

Massé

For prevention and treatment of cracked nipples. Contains the safe, effective antiseptic 9-amino acridine and allantoin. Dainty, aesthetic, emollient and healing. Does not interfere with nursing.

Massé Cream: 28 gm. tube, individually boxed.

Nidoxital

For immediate and prolonged control of nausea and vomiting of pregnancy. Contains pyridoxine, nicotinamide, benzocaine and pentobarbital. Effective relief in 24 to 72 hours in most cases. *Nidoxital*: Bottles of 12, 20 and 100 capsules.

Nutri-Sal

A Ringer-type/glucose douche designed to promote fertility in selected cases by virtue of its ability to enhance sperm survival and migration.

Nutri-Sal: Packages of 3 vials, each sufficient for 1 pint douche solution.

Rarical

(Iron-Calcium Tablets). Provide an improved, better tolerated source of iron and calcium for the anaemic, pregnant, aged or juvenile patient.

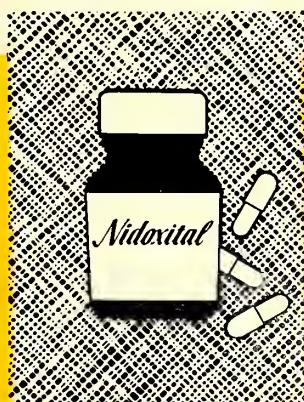
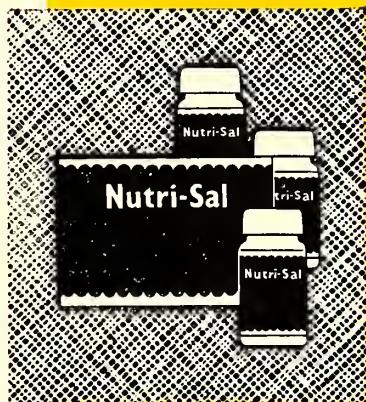
White, uncoated, tasteless tablets.

Rarical: Bottles of 50, 100 and 1,000 tablets.

Hexital

For relief of menopausal symptoms. Combines the synthetic oestrogen hexoestrol (3 mg.) with phenobarbital (20 mg.) for more complete control.

Hexital: Bottles of 100 and 500 tablets.



QUALITY IN
RECTANGULAR TABLET BOTTLES



*First Class
in GLASS*

These Bottles are particularly suitable for the following packs:

No. 1 Size - - -	20 Aspirin Tablets
No. 2 Size - - -	25 Aspirin Tablets
No. 3 Size - - -	
No. 4 Size - - -	{ 50 Aspirin Tablets or 25 Codeine Tablets
No. 5 Size - - -	
No. 6 Size - - -	{ 100 Aspirin Tablets or 50 Codeine Tablets

We supply White Enamelled Tinplate, Satin Finish Aluminium and Black Plastic Screw Caps (all having Waxed Wood pulp Liners) to fit these Bottles.

NATIONAL GLASS WORKS (YORK) LTD.

FISHERGATE, YORK. Tel. YORK 23021
ALSO AT: 105 HATTON GARDEN, LONDON, E.C.I.
Tel. HOLBORN 2146

PROMPT DELIVERY FROM STOCK

Packed in easily handled cartons

TRADE **N** MARK

WHOLESALE ONLY



The Rendell story — re-told 14 million times!

Here is your preview of the Rendell advertising message to be seen shortly by millions of couples in the national and provincial press—just one of a powerful series appearing regularly. Rendells dispensers are the 'clinchers' which will convert this publicity into sales. Let us send you our latest display material. You can be sure of its ethical approach. Make sure you send for it *today*, to :—

W. J. Rendell Limited, Hitchin, Herts

If a customer hands you a prescription form from one of these advertisements, please supply our literature as well.

8,773,0

will see this full-colour dou
NEW MAX FACTOR LIPSTI

Max Factor creates

Max Factor creates a new kind of lipstick

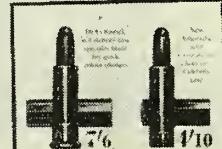


new! the colour won't come off until you take it off!!

new! no waiting for it to set! **no blotting!**

new! six brilliant new high-fidelity colours!

new! new Celebrity case! new Automatic refill!



MAX FACTOR
hi
LIPS

From their long experience in a highly competitive field, Max Factor are announcing their new Hi-Fi lipstick, have chosen to use the most powerful space in British Advertising for influencing women—WOMAN's double-spread in full-colour.

This is advertising directly to your prospective customer.

Whether for the great store or for the individual retailer the selling power of WOMAN is backed by the unchallengeable facts of:

A weekly ABC certified sale of 3,427,465.

A Readership of 8,773,000 women (nearly half of all the women in the country over 16 years of age).

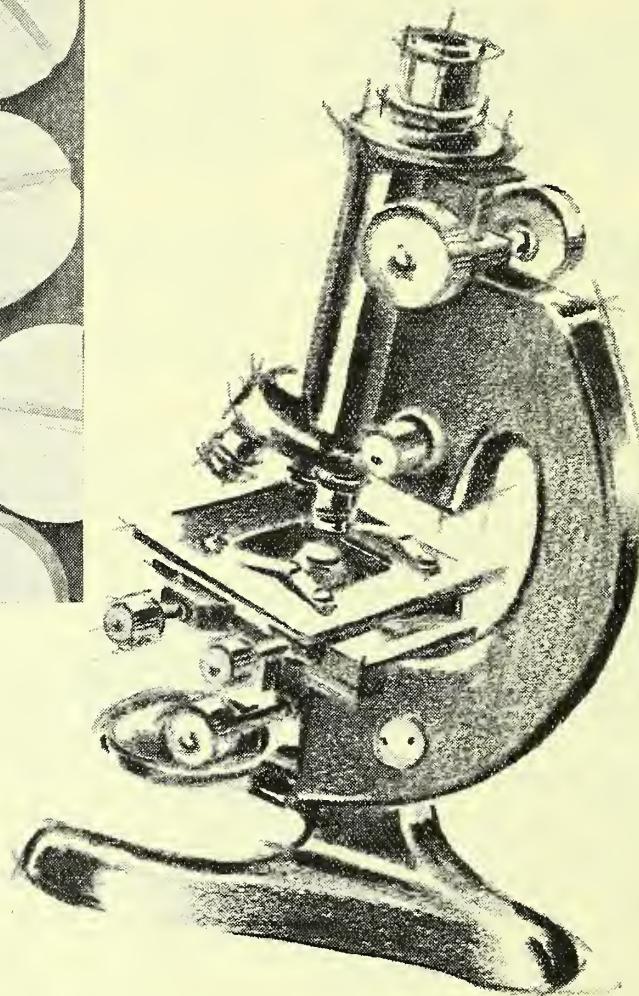
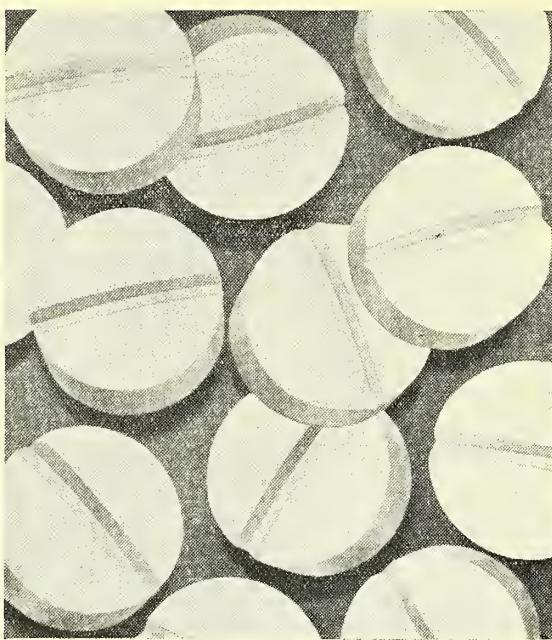
OO-women
read announcement of this
in the May 11th issue of

The image shows the front cover of a magazine titled "Woman". The title is written in a large, stylized, italicized font. In the top right corner of the title area, there is a small circular badge with the number "5d" inside it, indicating the price. Below the title, there is a black and white photograph of a woman with short, dark hair, smiling broadly and holding a cigarette in her right hand. She is wearing a light-colored, possibly white, top. The background of the cover is a textured, light-colored surface. At the bottom of the cover, there is a horizontal line containing the text "WORLD'S GREATEST WEEKLY FOR WOMEN" in a bold, sans-serif font.

Woman

5d

WORLD'S GREATEST WEEKLY FOR WOMEN



**Look
at
it
this
way**

Perfect tablets are the result of years of experience and accumulated skill, coupled with modern methods and machines. Needless to say, quality and analytical control play their all important part.

We specialise in bulk tablets to customers' own formulae on an absolutely confidential basis.



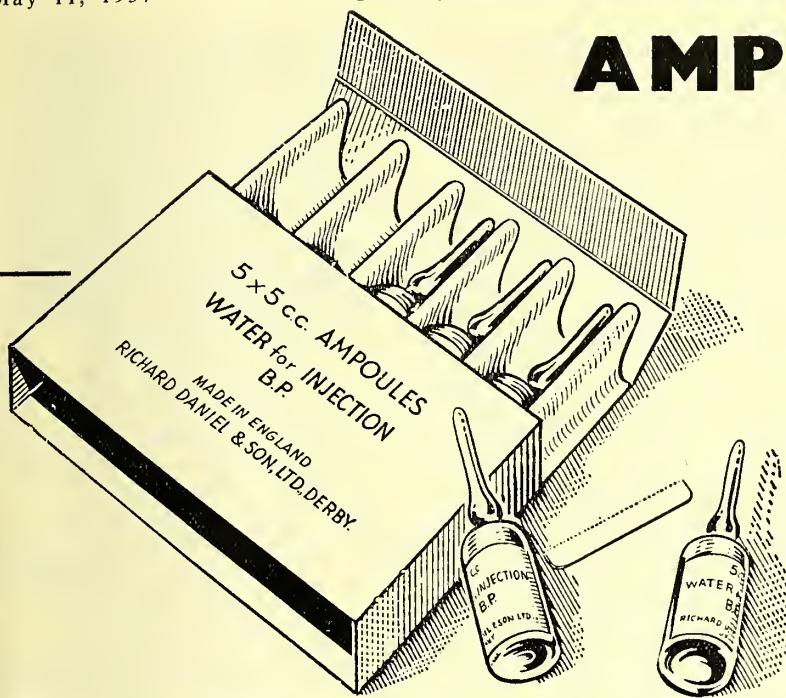
All tablets for the Pharmacist,
in bulk for dispensing, or
packed for counter sale.

Aspirin Tablets and
Compound Codeine Tablets
with "own name" labels.

THOMPSON & CAPPER LTD.
MANUFACTURING CHEMISTS,
SPEKE, LIVERPOOL.

Telephone: Hunts Cross 1321

AMPOULES



of
INJECTION
SOLUTIONS

Price List on
application

A FULL RANGE
IN ALL SIZES
MANUFACTURED
BY

RICHARD DANIEL & SON LTD

MANSFIELD ROAD, DERBY

TEL: 40671 (8 lines)

Also at ASHTON-UNDER-LYNE

Regularly needed by thousands of women

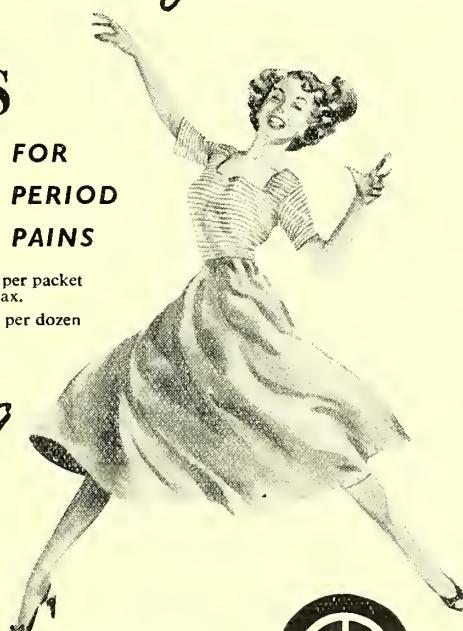
SOUTHON BRAND



TABLETS

FOR
PERIOD
PAINS

RETAIL PRICE: 1/11 per packet
of 16 tablets including tax.
TRADE PRICE: 12/8 per dozen
packets plus tax.



POINT-OF-SALE DISPLAY

Attractive but discreet Show-cards and Display Dispensers link your premises with the overall campaign by providing constant reminders to your women customers. Leaflets for counter distribution available on request.

NATIONAL PRESS ADVERTISING

Selected Women's Journals remind thousands of women readers all over the country that they need not suffer the discomfort of period pains.

For further details please get in touch with your C.F. Wholesaler or direct to:-

SOUTHON PRODUCTS LIMITED

88 UPPER RICHMOND ROAD • LONDON • SW15

YOUR PROFITS SEEN



VISTASCREEN

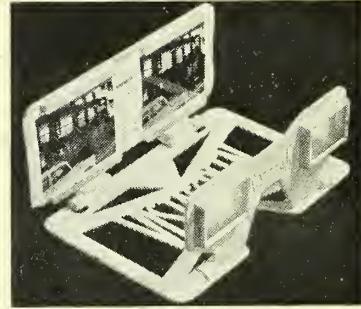
for deep, vivid, startling 3-dimensional views

STEREOSCOPIC VIEWER

2/6

SET OF TEN 3-D PHOTOS

2/6



To help you sell this sensational line faster than ever, come brilliant eye-catching 4-colour showcards. There's one designed especially for your town.

*Order from your
wholesaler NOW!*

**THE VISTASCREEN
COMPANY LIMITED**

16 Soho Sq., London, W.1.

Tel: COVent Garden 3333

(A Member of the Capital Group of Companies)

**DON'T
TAKE RISKS**
*when ordering your
PRINT
just send all details to the
SPECIALIST PRINTER*

WE
OFFER
YOU



THE
CORRECT
SERVICE

ALF HARRISON & SONS LTD.

Carton, Medical and Advertising Printers

BURLEY ROAD, LEEDS, 4

Phone: Leeds 52668/9

Grams: "Ideas," Leeds, 4



STANDARD SIZE (Approx. 5 x 3 1/2 x 1 1/2") Retail Price 2/11
LARGE SIZE (Approx. 5 1/2 x 3 1/2 x 1 1/2") Retail Price 3/11
USUAL DISCOUNTS

Each Sponge in a 3-coloured transparent sleeve—Each dozen in 4-coloured show carton—12 dozens in Cardboard Box.
Obtainable from YOUR USUAL WHOLESALER or contact:
FLETCHER & FARLOW LTD., Finsbury Court,
Finsbury Pavement, London, E.C.2. Tel: MONArch 6810

"SYNFOAM SUPER" SELLS ON SIGHT!

Now -

NEW CONTRACEPTIVE

Unique Appliance for men, worn internally.

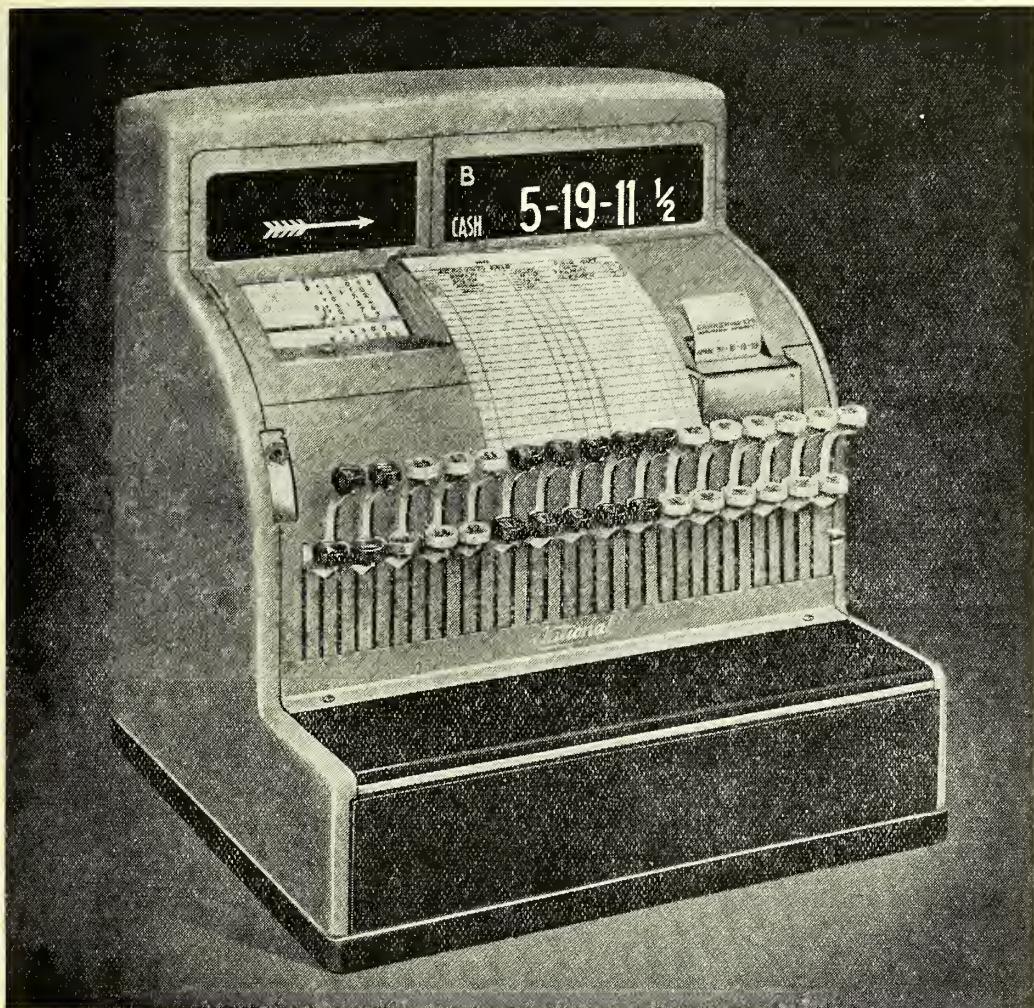
- Send now for—

INTRODUCTORY OFFER Six Appliances plus one bonus £12. 12. 0. Retail price £3. 3. 0. each. Cash with order.

- Showcard and literature on application

GAMIC GENETIC LABORATORIES

Dept. 2, POTTO, NORTHALLERTON, YORKSHIRE.



112/CRD/57

*A beautiful machine
beautifully made by **National***
Reg: T.M.

—the name that earned its fame

Vigilant *National* Model no. 132(7)2

ON CALL SERVICE FROM 85 CENTRES

14 to the DOZEN

a very SPECIAL offer
for a very SPECIAL line

FOR ONE MONTH ONLY

The
NEW

*invisible
hair net
spray*

26

Acclaimed at the 'Ideal Home Exhibition.' Selling like wild-fire wherever it's shown.

12/4 PER DOZEN
(14 actually supplied).

In attractive pink and
ivory POLYTHENE
SQUEEZE bottle.

ORDER NOW — BONUS TERMS AVAILABLE
THROUGH ALL WHOLESALERS, OR DIRECT
FROM

SWANDOWN

191 LATIMER ROAD, LONDON, W.10.

Gives your hair the
magic touch





BIG Boost for your Electric Shaver Sales ! Here's the ideal electric shaver at the ideal price. A real high-precision rotary dry shaver with the man-size blades, real blades, in a special domed foil-head with large shaving area. Run an eye over the sales points. Note the Electromatic motor . . . the matched head and foil . . . 3-direction slots and perforated pattern . . . the full guarantee . . . the attractive price. Remember too, the DISTLER will also sell as an office and travelling spare to thousands already using electric razors.

BIG Space Advertising in National Press. Full Colour Counter and Window Material. Full-scale Servicing Organisation. Big Turnover . . . Handsome Profits.

BIG Shaving Surface, domed for comfort. Powered by 3 standard 1½-volt torch cells. Special quiet action Electromatic motor, designed for long life. 3-Way slots and perforated pattern in shaving foil shear all hairs, long or short. So easy to clean : twist off and blow; brush when necessary. Fully Guaranteed.

*New Rotary Shaver with
man-sized blades
shaves quicker... smoother...
ANYWHERE!*

DISTLER
Town n' Country

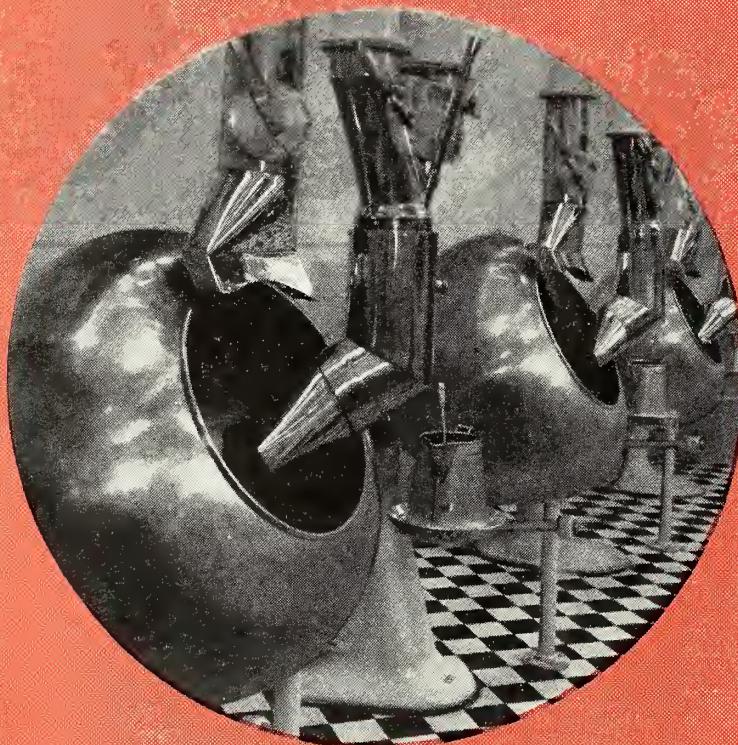
BATTERY SHAVER

RETAIL PRICE £5. 15. 6. (inc. P. T.)
(Batteries extra)

(Made in Western Germany)

DISTLER LTD., HERSHAM FACTORY ESTATE, WALTON-ON-THAMES, SURREY

SPECIFY **M&B** FOR YOUR



*We shall be pleased to receive enquiries
for these or any other
pharmaceutical chemicals in our range*

For the manufacture of

T A B L E T S

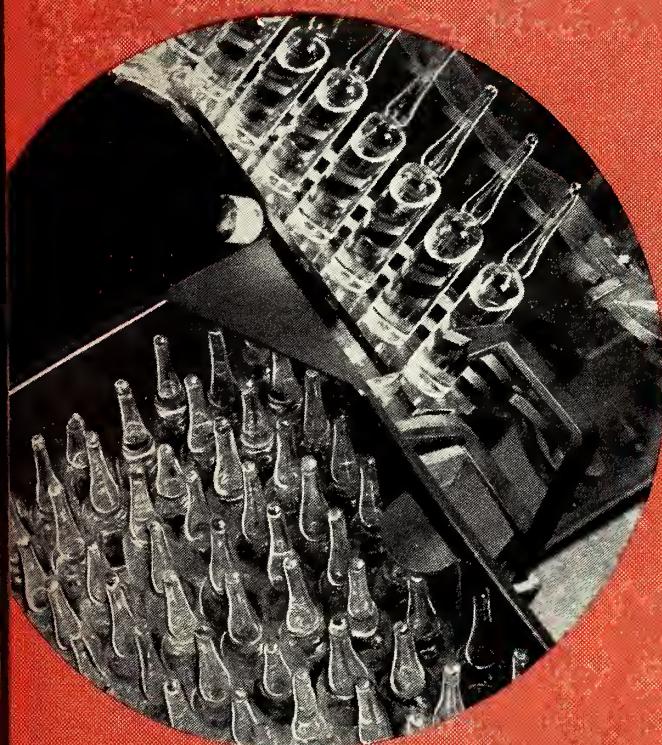
- Acetarsol
- Barbiturates
- Bismuth Salts
- Bromides
- Caffeine Alkaloid and Preparation
- Calomel
- Carbarsone
- Codeine Phosphate
and other Opiates
- Dexamphetamine Sulphate
- Isoniazid
- Methadone Hydrochloride
- L-Methylephedrine Hydrochloride
- Phenytoin Sodium
- Sulphonamides
- Theobromine Alkaloid
and Preparations

PHARMACEUTI

MAY & BAKER LTD
ILFORD 3060 MANUFACTURERS

ASSOCIATED HOUSES : BOMBAY • LAGOS • MONTREAL • PORT ELIZABETH

ARMACEUTICAL MANUFACTURES



For the manufacture of

**P R E P A R A T I O N S
F O R
I N J E C T I O N**

- Amphetamine Sulphate
- Barbiturates
- Bismuth Oxychloride
- Bismuth Salicylate
- Caffeine and Sodium Benzoate
- Cocaine Salts
- Mersalyl
- Methadone Hydrochloride
- Methylamphetamine Hydrochloride
- Opiates
- Sulphonamides

FHA679

L C H E M I C A L S

HAM • ENGLAND
SINCE 1834 EXTENSION 220

• WELLINGTON • BRANCHES AND AGENTS THROUGHOUT THE WORLD

BARTLETT'S

invite you to

*Refill this
Stand
AND EARN
100%
PROFIT*

If you were one of the 8,500 retailers who bought this sensational Bartex revolving display stand last year, now's your chance to re-stock it for 1957 and earn a handsome 100% profit.

Bartletts are offering a special 9 dozen Refill Pack containing the following selection of their latest "Protector" Sun Glasses for 1957:—

3 dozen	...	...	Retail	...	2/3 each
2 dozen	...	...	Retail	...	2/9 each
2 dozen	...	...	Retail	...	4/6 each
1 dozen	Retail	...	5/- each
1 dozen	Retail	...	5/9 each

TOTAL RETAIL VALUE £19 . 4 . 0

RETAILER PAYS £9 . 12 . 0

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THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

*Official organ of the Pharmaceutical Society of Ireland
and the Pharmaceutical Society of Northern Ireland*

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May 11, 1957

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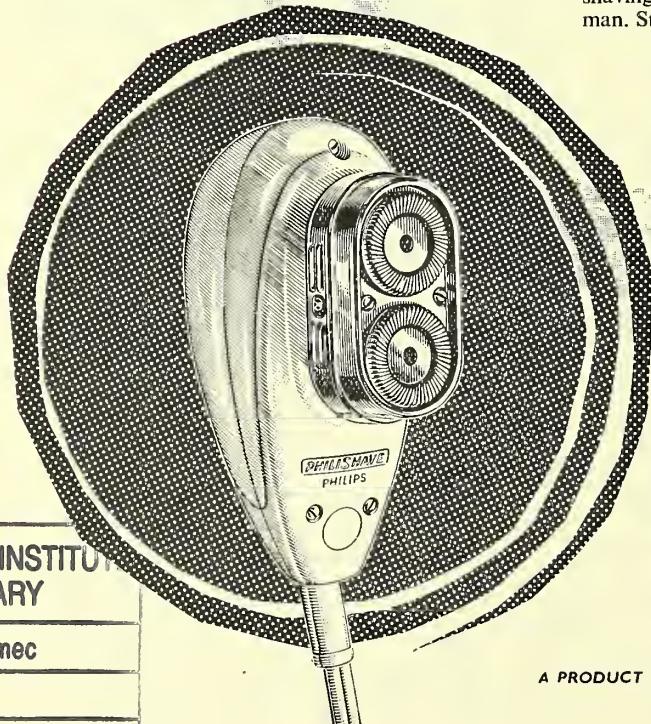
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The CHEMIST AND DRUGGIST

Volume 167

MAY 11, 1957

No. 4029

Franco-British Lectures

PROGRAMME DETAILS OF VISITORS' TOUR

UNDER arrangements made by the Franco-British Pharmaceutical Commission two visiting lecturers from France are speaking in Edinburgh on May 13; in Sunderland on May 15 and in Leicester on May 17.

PROFESSOR R. MONNET (Nantes University) is taking as his subject "The Medicinal Use of Human Blood and its Derivatives" when he speaks at Heriot-Watt College, Chambers Street, Edinburgh, at 2.30 p.m., with Mr. Hugh H. Campbell (Branch chairman) presiding. At 36 York Place, at 7.45 p.m., MADAME R. BERNARD-FAUGOUIN speaks on "The Part Played in the Analytical Field by the French Pharmacist," under the chairmanship of Mr. C. G. Drummond (a member of Executive of the Scottish Department of the Society).

PROFESSOR MONNET delivers his address at the School of Pharmacy, Sunderland Technical College on the morning of May 15 and Madame Bernard-Faugouin gives her lecture to Sunderland Branch of the Society in the evening.

The lecturers are dining with Leicester pharmacists on the evening of May 16 and on the following day PROFESSOR MONNET gives his lecture at the School of Pharmacy, Leicester College of Technology at 11 a.m.; and Madame Bernard-Faugouin addresses the Branch at the Bell Hotel at 7.30 p.m.

Admission to the lectures is open to all who may be interested.

Chemists Federation

COUNCIL MEETING

MEETING of the Chemists Federation Council was held on May 2, the president (Mr. W. Talvan Rees) in the chair. Meetings of committees were held the previous day. The following applications for manufacturer membership of the Federation were approved:—Helspa, Ltd, Glendouran Laboratories, Eynshambury Road, Cheltenham (cal linctus lozenges); Allcock's Products, Ltd, Knowsley Road, Bootle, Liverpool, 20 (Allcock's porous plaster, Brandreth's pills, Scan). The following additions to C.F. agreements were approved:—Allen & Hanburys, Ltd. (Dequadin paint, Piriton Duolets); J. & J. Wellcome & Co. (Lanoxin injection and paediatric elixir); A. Wanless, Ltd. (Nov Alocol); Optrex, Ltd. (rosehip syrup); The British Drug Houses, Ltd. (Sea Legs). It was decided that local C.F. action committees will be formed in Yeovil, Taunton, Weston-super-Mare, Bradford, Leeds,

and that meetings had been held in the North Metropolitan area (speaker, Mr. G. E. Mann), Bristol (speaker, Mr. W. Talvan Rees), Southport (speaker, Mr. F. E. Mellor), Leeds (speaker, Mr. A. Aldington). Arrangements were made for the following meetings:—May 9, Newcastle (speaker, Mr. P. D. J. Spaanderman), May 30, Lancaster (speaker, Mr. F. E. Mellor). Reports were received of C.F. representatives' work in Middlesex, Sussex and Lancashire.

Virus Research

NEW DEPARTMENT AT GLASGOW

A DEPARTMENT and chair of virology is being established at Glasgow University. Claimed to be the first of the kind at any British University it has been hailed as a landmark in the medical-scientific history of Scotland and the world and an advance of mag-

nitude in promoting fundamental research into the virus diseases. £225,000 has been given by the Scottish Hospital Endowments Research Trust to cover the cost of construction and equipment. The department, which is to be beside the main university site at Gilmorehill, is expected to open in 1960.

Bygone Proprietaries

SOCIETY'S COLLECTION EXPANDS

625 specimens of old proprietary medicines have been collected by Dr. J. M. Rowson, curator of the Pharmaceutical Society's museum. It was reported in a recent newsletter of the Society's History of Pharmacy Committee. Many of those had a considerable vogue in their day but had now fallen out of use and been forgotten. The collection was an interesting illustration of the practice of pharmacy in the late nineteenth century, and it was important that it should be made as representative as possible. Generally speaking the curator would be interested to receive any old proprietary medicines which bore a medicine stamp duty label. The names of 180 pharmacies which were established more than 100 years ago had also been collected and those names, it was stated, would be included in a future newsletter. Mr. C. C. Hadfield, 1 Mill Street, Macclesfield, had lent the Committee a copy of "Bayley's Arsenic Register," published in 1851 by John Bayley, medical label printers, John Dalton Street, Manchester. It was the only example which had come to light of a register kept under the Arsenic Act, 1851, the first Act to control the sale of a poisonous substance.



ACADEMY HONOURS FOR FORMER COUNCIL MEMBER: Painting by Mr. Norman Hepple, A.R.A., of Mrs. Jean K. Irvine (a former member of Council and the first woman president of the Pharmaceutical Society) to be seen at the summer exhibition of the Royal Academy. The painting was commissioned by the Society and will eventually hang permanently at its headquarters.

in Britain. The Act required the vendor to keep a register of all sales of arsenic in a form set out in a schedule to the Act. The entry had to be signed by the purchaser and a witness "unless such purchaser profess to be unable to write (in which case the person making the entries hereby required, shall add to the Particulars, to be entered in relation to such sale, the words 'cannot write').". The vendor was required by the Act to mix with the arsenic before the sale was effected "soot or indigo, in the proportion of 1 oz. of soot or $\frac{1}{2}$ oz. indigo at the least, to one lb. of arsenic." The Register shows entries which date from December 13, 1851 to March 8, 1877. The quantity sold was most frequently given by cost but larger sales, made to farmers for the dressing of sheep, were recorded in ounces; sales of quantities up to 1 lb. were not uncommon. The stated purposes for which the smaller quantities were required varied but the commonest uses given were for destroying rats, mice, fleas and bugs.

"Unique Partnership"

VOLUNTARY WORKERS IN HOSPITALS

"THE alliance between the National Health Service and those voluntary workers who buttress its work in so many ways is a unique partnership without parallel in history," said Mr. John Vaughan-Morgan (Parliamentary Secretary to the Ministry of Health when he spoke at the annual general meeting of the Oxford and District Hospitals Welfare Fund at the Radcliffe Infirmary, Oxford, on April 13. Many people thought that in the National Health Service there would be a decline in voluntary services, but that had not been so. Most hospitals received help of one kind or another from voluntary organisations, and those without such assistance were mostly among mental or long-stay hospitals. That was unfortunate for it brought life in those hospitals nearer to the normal life in the community. It also enlightened the public's mind about those hospitals and helped in removing popular prejudices.

Poliomyelitis Vaccine

GUIDANCE TO LOCAL AUTHORITIES

A CIRCULAR, giving guidance to local authorities on the wisdom of continuing poliomyelitis inoculations during the summer months, is being issued on May 15 by Mr. D. F. Vosper (Minister of Health). The number of cases notified in England and Wales up to April 27 was 695, a figure rather higher than usual. That figure, however, is no reliable guide to the number of cases during the peak months and does not necessarily forecast a bad epidemic. In 1947 when the number of notifications by April 28 was only 158 the eventual total of confirmed cases of poliomyelitis was 7,776. In 1956 there were 432 notifications by April 28 and the total for the year was 3,800. So far in 1957, 500,000 children have been inoculated and now that difficulties encountered earlier in the year have been overcome the supply prospect is improved. Guidance on the source of supply is also expected to be given.

Chemical Society

ANNUAL GENERAL MEETING

AT the annual general meeting of the Chemical Society held in Cambridge on April 11 the following elections were declared:—*Secretary*, Professor M. J. S. Dewar, London. *Vice-presidents*, Professor Wilson Baker, Bristol; Professor R. D. Haworth, Sheffield; Dr. L. E. Sutton, Oxford. *Members of Council*, Professor A. J. Birch, Manchester; Professor A. W. Johnson, Nottingham; Dr. J. D. Loudon, Glasgow; Professor R. S. Nyholm, London; Professor R. A. Raphael, Belfast; Dr. R. E. Richards, Oxford; Dr. J. C. Tatlow, Birmingham.

Sulphuric Acid

PRODUCTION STILL RISING

PRODUCTION of sulphuric acid during the first quarter of 1957 by members of the National Sulphuric Acid Association, Ltd., totalled 605,728 tons calculated as 100 per cent. H_2SO_4 , against 579,623 tons in the previous quarter. Production capacity was 86·6 per cent, against 82·5 per cent. Sales amounted to 628,084 tons (583,067 tons) of which the drug and fine chemical industry took 5,064 tons.

IRISH NEWS

To Exchange Ideas

HOSPITAL PHARMACISTS VISIT LONDON

SIX Irish hospital pharmacists, guests of Pfizer, Ltd., left Dublin on May 1

to visit the company's antibiotics factory at Folkestone, Kent, and (on May 2) to visit London hospitals for an exchange of ideas with their English counterparts. They visited the Paddington Green Childrens', Brompton and Westminster hospitals. In the evening they met members of the Guild of Public Pharmacists for dinner and discussion.

IRISH BREVITIES

THE NORTH

THE annual week-end retreat of the Guild of St. Albert and St. Gemma to St. Clement's, Ardglass, took place April 27-28. Almost fifty members attended.

THE REPUBLIC

THE following candidates were successful in the assistants' examination held recently by the Pharmaceutical Society of Ireland:—Margaret T. Brady; H. Gaffney; J. C. Kelly; Catherine Kennedy; Philomena M. McGuinness; M. C. M. Martin; Hannah O'Connor; Mary M. O'Connor; M. O'Connell; Mary M. O'Neill; T. P. Whelehan.

N.H.S. STATISTICS

SURREY.—Total cost for health services in 1956-57 was £5,227,191. Pharmaceutical Services at £1,499,270 were up by £251,869. In September 1956, 435,732 prescriptions were dispensed at an average cost of 51·12d. per prescription.

PENICILLIN PREPARATIONS

"Proper names" adopted

THE Minister of Health has decided, under paragraph 2 of Part II of the Ninth Schedule to the Therapeutic Substances Regulations, 1952, to adopt "proper names" for penicillin pre-

parations controlled under the Therapeutic Substances Act, 1956. Preparations for which no question of a new proper name arises have not been included in the table below:—

NEW NAMES	OLD NAMES
Benzylpenicillin (sodium salt)	Penicillin (sodium salt); penicillin G (sodium salt); crystalline penicillin G (sodium salt)
Benzylpenicillin (potassium salt)	Penicillin (potassium salt); penicillin G (potassium salt); crystalline penicillin G (potassium salt)
Injection of penicillin	Penicillin (calcium salt) solution; penicillin (sodium salt) solution; penicillin (potassium salt) solution
Oily injection of penicillin	Penicillin (oil-wax) suspension
Procaine benzylpenicillin	Penicillin (procaine salt); penicillin G (procaine salt)
Procaine benzylpenicillin with benzylpenicillin	Procaine penicillin G with crystalline penicillin G (potassium salt); procaine penicillin G with potassium penicillin G
Injection of procaine benzylpenicillin with benzylpenicillin	Fortified injection of procaine penicillin
Oily injection of procaine benzylpenicillin	Procaine penicillin G oily injection; procaine penicillin oily injection
Benzathine penicillin	Dibenzylethylenediamine dipenicillin G; dibenzylethylenediamine penicillin
Injection of benzathine penicillin	Benzathine penicillin aqueous injection; dibenzylethylenediamine penicillin G aqueous suspension
Injection of benethamine penicillin	Benethamine penicillin aqueous suspension
Hydroxyprocaine penicillin	Penicillin (hydroxyprocaine salt)

No objection is being raised to the continued use of the old names until present stocks of labels are exhausted.

When reprints become necessary the new proper names should be shown on the labels.

NEWS IN BRIEF

THE Duke of Edinburgh has consented to become a patron of the Institution of Chemical Engineers.

AFTER ten years' service Lord Rothschild is relinquishing the chairmanship of the Agricultural Research Council on June 30, 1958. He is being succeeded by the Duke of Northumberland.

A SCHEME has been approved by Kingswood urban district council, Bristol, for a new shopping centre in the Holly Hill Road, at which there will be accommodation for a pharmacy.

DR. H. G. Smith has been appointed the representative of the Department of the Government Chemist on the Food Standards Committee. He succeeds Dr. J. R. Nicholls, who has retired.

THE representative body of the British Medical Association meeting in London on May 1 decided to defer a decision on a plan for the progressive withdrawal of general practitioners from the National Health Service (see *C. & D.*, March 30, p. 343).

THE inadequate storage facilities at the West Fife Hospital Group's premises for Dangerous Drugs and poisons was drawn to the attention of the medical services committee of the board of management recently by the group chief pharmacist. Purchase of five cupboards for the sum of £150 was authorised.

SPORT

Golf.—EDINBURGH CHEMISTS' GOLF CLUB, at Dalmahoy, recently. *Captain's prize*, J. M. Maxwell (30), 74; *scratch prize*, P. R. Fallon, 79; *No. 1 section*, J. W. Erasmuson (12), 75, and J. B. McCaig (8), 75; *No. 2 section*, J. Liddell (22), 81.

LIVERPOOL CHEMISTS' GOLFING SOCIETY, at West Derby golf club, on May 1. *Ucal cup*, E. P. Preble, 82 (15), 67; *Abbott prize*, L. Davies, 86 (13), 73; *Ciba prize*, E. Wild, 102 (20), 82; *Meggeson prize*, Dr. Campbell, 107 (24), 83.

MANCHESTER PHARMACEUTICAL GOLFING SOCIETY, Buxton High Peak golf course, on May 1. *Kerfoot trophy and prize*, 1, W. E. Phillipson, 68 net; 2, E. M. McIntosh and G. M. Evans, each 69 net. The members of the Society were guests of Thomas Kerfoot & Co., Ltd.

ULSTER CHEMISTS' GOLFING ASSOCIATION, at Belvoir Park golf club on May 1. *Groves cup*, R. Foye defeated R. J. Jeffers 5 and 3; *Best gross*, R. Robinson; *afternoon competition*, 1, W. J. Moffett (39); 2, T. W. Currie (38). A vote of thanks to R. J. Groves & Son for the prizes was proposed by Mr. R. Robinson, and replied to on behalf of Messrs. Groves by Mr. R. Atkinson.

LOCAL OFFICERS**PHARMACEUTICAL SOCIETY**

Glasgow.—*Chairman*, Mr. R. B. Birrell; *Vice-chairman*, Mr. R. Anderson; *Treasurer*, Mr. D. H. O. Gemmell; *Secretary*, Mr. W. C. Macmaster, 2 Manor Road, Glasgow, W.4.

Manchester.—*Chairman*, Mr. H. Burlinson; *Vice-chairman*, Mr. E. Cronin; *Social Secretary*, Mr. E. Cronin; *Treasurer*, Mr. H. Burlinson; *Secretary*, Mr. A. E. Thorpe, 777 Stockport Road, Levenshulme, Manchester, 19.

PHARMACEUTICAL ASSOCIATIONS

Manchester.—*President*, Mr. W. M. Cross; *Vice-presidents*, Miss I. F. A. Lewis and Mr. N. Robson; *Honorary Vice-president*, Professor I. Brindle; *Social Secretary*, Mr. E. Cronin; *Treasurer*, Mr. H. Burlinson; *Secretary*, Mr. A. E. Thorpe, 777 Stockport Road, Levenshulme, Manchester, 19.

TOPICAL REFLECTIONS

By Xrayser

Plague

Other branches might profitably follow the example of Portsmouth in spending an evening looking back into earlier days in pharmacy. Mr. L. J. Chamberlain's account of pharmacy in old Portsmouth (p. 480), provides a local history of great value, and similar research in other areas would provide a comprehensive history over the country as a whole. It may be that Mr. Chamberlain will in due course spread his net a little wider, and investigate the part played by Portsmouth pharmacy in equipping the medicine chests of naval vessels sailing from the old dockyard town. It is fortunate, for one with the speaker's tastes, that the horizons are as wide for him as they were for the ancient sea-dogs. The plague, referred to by Mr. Chamberlain, in the late seventeenth century was presumably the same outbreak as devastated London and other cities in 1665. It spread to Salisbury as though in pursuit of the King and his Court, who had fled there for safety. Apart from one or two minor outbreaks, it was the last plague epidemic in this country. The death roll in London amounted to over 100,000 out of a population of half a million. Dr. Nathaniel Hedges, who stayed in the Capital to minister to the sick, sucked lozenges prepared from myrrh, cinnamon and angelica root while attending his patients. His treatment of plague consisted of light diet and dosing with serpentine root. He left to posterity a book called *Loimologia* containing what is generally regarded as the best contemporary account of the disease. Virginian snake-root enjoyed a lasting reputation as a sudorific in fevers, and was employed in the treatment of smallpox as well as plague.

Sixteenth Century "Smog"

Professor Thomas Ferguson, Glasgow, a contributor of valuable historic material to Annual Special Issues of THE CHEMIST AND DRUGGIST, is the author of a book entitled "The Dawn of Scottish Social Welfare," a work I recommend with confidence and pleasure to your readers. In its pages is to be found an account of plague north of the Tweed, where an outbreak in 1584-88 caused strong efforts to be made to quarantine people coming from suspected ports. As was the case in London eighty years later, the Court took all possible personal precautions. King James VI of Scotland headed the exodus of the panic-stricken. Dr. Ferguson records that "he went to St. Andrews, then to Falkland, then to Tullibardine, then to Stirling, as the plague followed him, apparently without much confidence in his own expressed opinion that 'the pest always smites such as flies it farthest and apprehends deepest the perils thereof.'" Dr. Gilbert Skene, mediciner at King's College, Aberdeen, wrote a treatise on the plague of 1585, and enumerated among the causes stink, corruption and filth, and "great reik of colis without winde to dispache the sam," which last is translated as great smoke from coal-fires. It would appear that Dr. Skene saw the dangers inherent in atmospheric pollution.

Progress

Individuality is becoming, in this modern world of ours, harder to achieve and harder still to maintain. Many in pharmacy have attempted to strike an individual note by selective buying of good products from smaller firms, whose appeal has been solely on merit and price, since they had no national advertising to influence the public. Such happy relations, with benefit to manufacturer and retailer, proceeded undisturbed for many years, and the object became identified with the pharmacy itself. With increasing frequency one learns that an amalgamation has taken place, and that a small manufacturer has become identified with a much larger one. There will be no change in policy, of course, we are told. But in a comparatively short time a new representative appears. There is talk of redistribution of territories, streamlining of methods of manufacture and distribution, reorientation of policy, and reorganisation, and in a year or two the cherished line, supported loyally for twenty or thirty years, is withdrawn—unavailable or discontinued. Such is progress!

PHARMACY STILL PROGRESSING

Vice-president on how to govern the pattern of progress

PHARMACY, far from being at the cross-roads, was still progressing but at a pace which was increasingly difficult to anticipate, said MR. D. W. HUDSON (vice-president of the Pharmaceutical Society) when he addressed Dundee and Eastern Scottish and Edinburgh and South-eastern Scottish Branches of the Pharmaceutical Society on March 21 and 22, respectively. The only cross-roads he had been able to see were those for the individual pharmacists themselves. Whether or not they would know when they were approaching them, or in which direction they should turn when they arrived, depended entirely upon how closely they had studied pharmaceutical developments and changes and whether or not they themselves had a predetermined plan.

Changing Conditions

By periodical investigation of the changing conditions in retail practice the Council might be able, by adjustment in standards of entry, modification of methods of teaching, better control of post-graduate training, recommendation, or even by regulation or legislation, to guide the future pattern of general practice in a predetermined direction.

His personal opinion, however, was that any substantial improvement in the status of the pharmacist with all that it entailed would be primarily influenced by his own approach to the necessity of maintaining the highest professional standards in all his dealings with the public and in insisting upon a professional atmosphere and appearance in and about his premises. Widely varying types of retail pharmacies existed throughout the country a fact recognised by the Council and by the Society as a whole for many years. It had been the cause of a great deal of controversy whenever a common professional policy had to be decided upon, had given rise to a great deal of misunderstanding sometimes bordering on bitterness between those engaged in general retail practice and those engaged in teaching, and had invariably complicated a properly balanced educational curriculum. It had hampered negotiations with government departments and had been a complicating factor in other ways too numerous to mention.

Relatively little progress had been made towards any endeavour to establish a common standard of presentation and practice embracing all aspects of retail pharmacy as opposed to the more limited one of the dispensing of medicines, with one notable exception: "the company chemists organisations," in whose establishments the public knew they would receive the same range, standard and quality of goods and services no matter in which town or which part of the same town the business was situated. Too many individual pharmacists accepted the unsatisfactory position as it existed and claimed that the nature of their businesses was the outcome of the en-

vironment in which they were situated or that they were perpetuating the policy already established by a previous owner. The present standard in many pharmacies could be improved with the resultant effect of raising the general status of the calling to a proper professional level throughout. It was difficult to see how a proper approach to a number of difficult problems could be developed until that had at least been attempted.

The pharmacist had three quite distinct and separate types of responsibility which could never be honoured except on a professional basis. They were responsibility to the public to give an efficient pharmaceutical service at all times it was needed; responsibility to other professions to co-operate with and advise on all pharmaceutical matters; and responsibility to his own profession to assist colleagues with information or advice at all times when either were sought and to refrain from promoting his own advantage by unfair means.

Retail pharmacy was a mixed activity partly professional, partly commercial and, so far as existing evidence showed, must remain so. The provision of all dispensing services and certain of the ancillary services were unquestionably professional but the retail sale of drugs, medicines and appliances could be, but did not always fall into that category.

Professional Work

It was doubtful whether a professional income could be secured by any business in the country solely from professional work, unless the business was substantially above the national average. A net income of £725-£850 from the health service was an average which meant that every proprietor must from an economic angle alone develop his business beyond the provision of a National Health Service dispensary and the medical requirements of the public for those things necessary for the treatment of the case but not available on EC10's. The individual pharmacist had to decide whether that development should be of a professional or commercial nature. Development upon strictly professional lines still offered extensive scope in many districts. Chemical, biochemical and bacteriological work, not only in relation to medicine but also associated with industry, the supply of surgical instruments and appliances, hospital and invalid equipment, oxygen therapy equipment, electro-medical and actino-therapy equipment, chemical and scientific apparatus were all in keeping with the highest traditions of professional practice.

Specialisation in certain well-defined commercial fields such as photography, cosmetics, veterinary, agricultural and horticultural products also reflected credit upon pharmacy because they provided a necessary and valuable service to the public without stepping one iota outside the traditional rôle of the pharmacist.

Whether or not the position of corporate bodies was compatible with the proper conduct of general practice was a very debatable point. They could be provided sufficient pharmaceutical control existed upon the Board to ensure that a policy not contrary to professional procedure was put into effect but that was not the usual structure of a large public company.

Dealing with staff, Mr. Hudson asked if the developments and changes in general practice in recent years had rendered technical assistants (unqualified assistants) more or less important in providing a pharmaceutical service. Was it possible to conduct a dispensing business filling the national average number of prescriptions without some form of assistance and, subject to pharmacists being available, would the employment be economically possible in such a business? If dispensing assistants were necessary for the conduct of general practice, how should they be recruited? Had developments affected changes in general practice, since the introduction of the 1946 Act, altered the nature of the work undertaken in pharmacy sufficiently to render an entirely fresh approach to the training given to apprentices and post-graduates? Was it desirable to fix some proportion of window display space windows were employed for that purpose) for strictly pharmaceutical goods or was it desirable to limit the amount of display space devoted to toilet and other non-professional goods? These and many other questions would need to be examined and answered, not only by the general practice committee of the Council, but by the members themselves before a planned future for general practice could be rendered effective. The approach to that problem should be a matter of urgency.

Self-service

Asked by MR. C. G. DRUMMOND of Edinburgh, if he had given any thought to the future development of pharmacists if the educational policy of the Council came into effect, MR. HUDSON said he believed it was in the best interest of the future of pharmacy that the three routes should be followed where possible.

MR. W. S. TAIT, Penicuik, asked Mr. Hudson thought of the self-service departments.

Self-service departments had a place in any establishment providing medicines, said MR. HUDSON. The uncontrolled display of medicines was undesirable. Medicines should be dispensed with a full sense of professional responsibility. The public would not be allowed free access to dispensed medicines, why then to other kind of medicines? The Council did take action to curtail self-service methods years ago, and those steps had certainly prevented that procedure becoming widespread. Self-service in a pharmacy had not even been found to be satisfactory in the place where it originated.

NATIONAL PHARMACEUTICAL UNION

Monthly meeting of Executive

MEETINGS of the N.P.U. Executive and of the directors of the Chemists' Defence Association, Ltd., were held in London on April 24 and 25. The election of officers was also held (see *C. & D.*, May 4, p. 477).

Area Meeting

Arrangements were completed for the area meeting which is being held in Cardiff on May 19. Main items for discussion are N.P.U. policy on business matters, the development of Chemists Federation principles and practice and a review of current and future National Health Service pharmaceutical service developments.

Marketing Policy Committee

The report of the Marketing Policy Committee, presented by its chairman (Mr. Talvan Rees), indicated that the main items of business currently under discussion were the comparative trade prices and profit margins on tooth-pastes and on toilet articles generally, the availability of ranges of packed goods for sale at competitive prices and manufacturers' price revisions which resulted in a reduction in the retailers' gross profit margin.

Shops Bill

It was decided that arrangements would be made to have an amendment to clause 41 of the Shops Bill put down for debate when the Bill reaches the House of Commons, the amendment being designed to remove the provision in the present Bill which, by necessitating closure of many pharmacies until 9 a.m. or at 5 p.m. on a weekday preceding or following a period of Sunday rota, would make inevitable the withdrawal of many pharmacies from such rota duties.

Chemists' Defence Association

Among the payments made in claims which had been settled under the immunity benefits since the previous meeting were the following:—£35 towards the costs of a recuperative holiday following the taking of incorrectly labelled medicines; £15 in respect of wages incurred by a member of the public who had received sleeping tablets in place of the medicine prescribed and £20 damages in a case in which some confusion had arisen between a proprietary preparation and a compound preparation containing that.

Membership

Twenty persons and firms who had joined the N.P.U. since the March meeting were accepted into membership.

National Health Service

A report by the Central N.H.S. (Chemist Contractors) Committee included the following matters:—

enumeration survey

The management side of the Pharmaceutical Whitley Council had sent detailed proposals for a full-scale dis-

pensing costs inquiry relating to a complete year and covering the accounting year ending December 1957. The forms and notes proposed to be used were based on those used in the previous inquiry (see *C. & D.*, September 11, 1954, p. 255). The contractors' committee decided to inform the management side that in view of their insistence on a full-scale inquiry which would inevitably take much time, an assurance must be given in advance by the Ministry of Health, that any agreement based on the results of the inquiry would be implemented with effect from December 1, 1956. Consideration was also given to action to be taken if the Ministry refused to give that assurance. The Committee also decided to refer the draft questionnaire form and notes to their consulting accountants for examination and comment.

REVISED FORM EC57

Proofs of revised form EC57 received from the Ministry of Health are in three colours: Buff for 1s., green for 2s., and pink for 3s. The Committee were continuing to press the Ministry to circulate the revised forms to contractors without delay.

It was decided to convene a meeting of the Rural Area Pharmaceutical Committee for May 15 for discussion of the

special problems of N.H.S. pharmaceutical practice in rural areas.

ROYAL COMMISSION

The contractors' committee decided to submit to the Royal Commission on doctors' and dentists' remuneration written evidence on the inadequacy of the Whitley Council machinery for settling remuneration claims and the injustice resulting from the lack of provision for arbitration.

CONTAINERS AND LEVIES

The Committee noted that there had been a good response to the two inquiries: By April 12, nearly 80 per cent. of contractors approached had returned completed container allowance forms; the response in the uncollected levies allowance inquiry was nearly 90 per cent. The work of collating the results was proceeding.

DRUG TARIFF PRICES

Questionnaire forms are being issued to a sample of 2,350 contractors on May 20, the date for return of the completed forms is June 3. The need for all contractors who were approached, especially those dispensing relatively small numbers of prescriptions, to complete and return the questionnaire was again stressed.

NEARLY £100 IN D.D. FINES

Chemists who "seemed to have stopped dating prescriptions"

THREE pharmacists were ordered to pay fines and costs totalling £93 when they pleaded guilty at Wood Green magistrates' court, London, on May 3, to summonses for offences against the Dangerous Drugs Regulations. Mr. Alan Grahame Brown, M.P.S., proprietor of Trille pharmacy, 465 High Road, Tottenham, London, N.17, pleaded guilty to eleven charges of failing to mark on prescriptions the date on which they were dispensed at the time of dispensing and to one charge of failing to enter in a register kept for the purpose true particulars in respect of a drug supplied. Miss Beryl Edith Gibbens, M.P.S., 107 Winchelsea Road, Tottenham, pleaded guilty to four charges of failing to mark prescriptions with dates and one charge of failing to enter particulars in a register. Mr. Francis Gerald McAtee, M.P.S., 98 Harpenden Road, Forest Gate, London, pleaded guilty to one charge of failing to mark a prescription with a date. The drugs referred to in the summonses were linctus diamorphine, pethidine, and linctus Physeptone. The prosecution stated that Mr. Brown employed the other two accused. It might be thought that it was "a slightly unnecessary provision" to insist that a person who dispensed a prescription should mark the back with the date, since a register had to be kept of Dangerous Drugs sold. If no entry were made in the register, or if the entry were made later in the register, there was no record at all, unless the prescription was marked with the date. There were other reasons for marking the

present matters were "something of technical offences." Every prescription was stamped with the shop stamp and all National Health prescriptions were already dated by the doctor. Dealing with the failure to make an entry in the register, counsel said that one doctor had apparently put the wrong name on a prescription. That had caused some confusion and subsequently the matter was overlooked. "It was not really a case of slip-shod method," he said. Mr. Brown was a member of the Middlesex county council and was away from the shop every afternoon. He was dependent to a large extent on his assistants. He qualified in 1936. Miss Gibbens

qualified in 1933 and Mr. McAtee in 1950. The chairman commented that the Regulations were made for the efficient functioning of the service, and strict compliance was necessary in the public interest. Mr. Brown was fined £5 on each of the eleven summonses in respect of the prescriptions and £10 for failing to make an entry in the register. Miss Gibbens was fined 50s. on each of four summonses relating to the prescriptions and £5 for the register offence. Mr. McAtee was fined 50s. Mr. Brown was also ordered to pay £10 10s. costs. At the conclusion of the proceedings Mr. Brown said "I will pay all their fines."

IN PARLIAMENT

BY A MEMBER OF THE PRESS

IN the House of Commons on May 1, MR. J. E. ENOCH POWELL (Financial Secretary to the Treasury) moved a resolution authorising the separation from National Insurance of a contribution towards the National Health Service and for the doubling of the amount of the separate contribution. The proposals aimed at restoring the contribution to something approaching its originally intended rôle in financing the Health Service. The resolution was agreed to.

Use of Drugs in Medicine

THE EARL OF CRAVEN asked in the House of Lords on May 1 if the Government would consider, in the light of conditions arising out of Dr. Adams's case (see *C. & D.*, April 13, p. 396) whether the time was appropriate for a review of the laws relating to the use of drugs for medical purposes.

LORD STRATHCLYDE (Minister of State, Scottish Office) said the Government did not consider it appropriate to circumscribe the clinical freedom of doctors to treat their patients in accordance with their individual judgment, except in so far as a doctor's authority to possess or prescribe Dangerous Drugs might be withdrawn after conviction for an offence under the Dangerous Drugs Act, as might happen at present.

THE EARL OF CRAVEN asked if the Government was prepared to sanction euthanasia in any form. The answer to that would give relief to a great many people.

LORD STRATHCLYDE said that was a completely different question, of which he would require notice.

Inspection of Doctors' D.D. Registers

MR. J. K. VAUGHAN-MORGAN (Parliamentary Secretary to the Ministry of Health) told DR. D. JOHNSON, in a written answer on May 6, that inspections by regional medical officers of Dangerous Drugs registers kept by doctors had not ceased.

Forms EC57

MR. DENNIS VOSPER (Minister of Health) told MR. J. EDEN, in a written answer on May 6, that levy receipt forms EC57 for charges of one shilling, 2s. and 3s. were being printed and it was hoped that supplies would be issued during the last week of May.

GALLERY, HOUSE OF COMMONS

Arsenic Limits in Food

MR. J. B. GODBER (Parliamentary Secretary, Minister of Agriculture, Fisheries and Food) told MR. M. N. DODDS on May 7 that the Government had decided that statutory limits for arsenic in foods should be laid down. It was proposed to introduce regulations based on the Food Standards Committee recommendations. That would be done as soon as was practicable. Full details of the proposed regulations would be circulated for consideration by the interests concerned.

Shops Bill

The Shops Bill was considered in Committee in the House of Lords on May 7. On Clause 1 (weekday closing times) VISCOUNT HAILSHAM (Minister of Education) moved the first of a series of amendments which would remove from local authorities the option to impose earlier closing hours than those laid down in the Bill. The amendment was carried and the other amendments agreed to. A new clause which provided that it should not be necessary for an early closing day to be observed in any of the three weeks of Christmastide, in Holy Week, in the week before Whit week and in the week preceding August bank holiday, was agreed to. The clause also provided that if in Easter week, Whit week, and the week in which August bank holiday fell a shop was closed all day on the first two weekdays it would not be necessary to observe an early closing day in that week. A later amendment dealing with the power of a shopkeeper to postpone the weekly half-holiday for assistants in any of the periods covered in the new clause was agreed to. Government amendments to give local authorities in seaside holiday resorts power to abolish the evening closing hours on twenty-two weeks in the year, and to remove from such local authorities powers to distinguish between different trades in making orders dispensing with the early closing hours and the requirement to observe the early closing day were agreed to.

Second Readings

The Finance Bill was read a second time in the House of Commons on May 7.

The Occupiers' Liability Bill was read a second time in the House of Lords on May 2.

BUSINESS CHANGES

MR. T. LLOYD, M.P.S., has opened a pharmacy at 52 Ebriington Street, Plymouth.

MR. C. S. N. O'MAHONEY is shortly opening a pharmacy at Ballydehob, Co. Cork, Eire.

NORGINE PHARMACEUTICAL PRODUCTS (LONDON), LTD., have removed to 26 Bedford Row, London, W.C.1 (telephone: Chancery 4882).

INTERNATIONAL FOOT APPLIANCES, LTD., have removed to 124 Finchley Road, London, N.W.3 (telephone: Hampstead 4425).

COW & GATE, LTD., Guildford Surrey, have appointed Messrs. A. J. Mallender and T. Mason their representatives in the Midlands and North eastern areas respectively.

MR. D. M. CHESTER, M.P.S., has relinquished control of the Tuckton Pharmacy, 160 Tuckton Road, Southbourne, Bournemouth, and is opening a pharmacy at 222 Old Christchurch Road, Bournemouth.

Appointments

WILLIAM R. WARNER & CO LTD., Chiswick, London, W.4, have appointed Mr. John Gallagher, M.P.S. manufacturing chemist in the production department where he is responsible for tabletting. Mr. John R. Robert B.Sc., has also joined the company to fill a new appointment as personal assistant to the company's director of production (Dr. E. J. Holder, Ph.D. B.Pharm.). The whole of the company activities will shortly be transferred to the new buildings that have been erected at Eastleigh, Hants.

DEATHS

DAENIKER.—Recently, Professor Albert Daeniker, professor of botany, Zurich University, and director, Zürich botanical museum, aged sixty-three.

FISHWICK.—On April 28, Mr Harry Fishwick, M.P.S., Wemnar, P Avenue, Prestatyn, North Wales, aged sixty. Mr. Fishwick was proprietor of a pharmacy in Northgate Street, Chester, until his retirement in October 1956. He had held office in Chester Branch of the Pharmaceutical Society and was for some years member of Chester Executive Council.

JAMESON.—On April 21, James Cyril Jameson, M.P.S., La well, Ponteland, Newcastle-on-Tyne, Northumberland, aged sixty.

JEFFERY.—On April 27, George Barker Jeffery, M.A., D.F.R.S., Pinner, Middlesex, aged six-five. Dr. Jeffery was director of Institute of Education, London University and representative of the University of London on the governing body of the School of Pharmacy, London University.

SHORT.—On April 28, Mr. A. Short, M.P.S., 15 Tarbock Road, Hutton, Lancs. Mr. Short qualified 1939. He was a director of A. and Short, Ltd., 32 Derby Road, Huy. During the 1939-45 war he served with the Royal Air Force and awarded the Distinguished Flying Medal.

MARRIAGES

ANDREWS—MORRIS. — At Henstridge Parish Church, Somerset, on April 27, Philip Arthur Andrews, M.P.S., The Pharmacy, Henstridge, to Dorothy May Morris, Henstridge.

TARBET—CLARK. — At Dennistoun Parish Church, Glasgow, on April 30, Duncan Graham Tarbet, M.P.S., 148 Gala Street, Riddrie, Glasgow, to Janet Reat Clark, 228 Meadowpark Street, Dennistoun.

PERSONALITIES

MR. C. W. CROUCH, who has been appointed joint managing director of Smith & Nephew, Ltd. (see col. 3), joined the group in Hull as advertising manager in 1946. **MR. T. L. WHITTAKER,** also appointed joint managing



Mr. C. W. Crouch

Mr. T. L. Whittaker

director, joined in 1947 as general sales manager. They both were appointed to the board in 1950 and moved south together to become directors of Smith & Nephew, Ltd., Welwyn Garden City, when that company was formed in 1954. Mr. Crouch, who was then group publicity controller has, for the past eighteen months, been responsible for overseas markets. Mr. Whittaker has, until his promotion, been home sales director.

A SILVER JUBILEE AT MANCHESTER

Public pharmacists' celebration dance

MEMBERS of Manchester Branch of the Guild of Public Pharmacists had particular reason to make merry at their annual dance on March 5, since 1957 marks the Branch's Silver Jubilee year. Among the 230 friends and guests of members who supported Mr. W. E.

MR. IAN CRAIG, M.P.S., must surely merit the title of sporting pharmacist of the year. Still only twenty-one years of age, Mr. Craig was on May 6 appointed captain of the Aus-



tralian cricket team to tour South Africa in October. The Sydney-born New South Wales batsman was a member of the Australian Test cricket team which visited England in 1956, and returned to this country only last month to take up an appointment with Boots, Ltd., Regent Street, London, where he is, in the accompanying illustration, seen at work. Having recently qualified as a pharmacist from the pharmacy department of Sydney University, Mr. Craig hopes to widen the field of his pharmaceutical experience before returning to Australia, though he is not yet certain which branch of pharmacy he will finally enter.

MR. H. WILKINSON, C.B.E., controller of supply, Ministry of Health, is retiring on May 22 after forty-four years in the public service. Before transferring in 1947 to the Ministry of Health, Mr. Wilkinson was deputy director at the Directorate of Medical Supplies, Ministry of Supply. He is succeeded by Mr. A. D. Campbell.

AT MANCHESTER

celebration dance

Phillipson (chairman) (see *C. & D.*, March 16, p. 295) was Alderman Dr. Chadwick who proposed the toast to the Guild of Public Pharmacists. Miss E. P. Button (president of the Guild) replied. Other guests included Mr. T. F. Potts (group secretary, North Manchester Hospital Management Committee) and Mr. H. Steinman (a member of the Council of the Pharmaceutical Society).

AT JUBILEE DANCE:

Miss K. M. Dobson (social secretary of the Manchester Branch, Guild of Public Pharmacists) and Miss E. P. Button (Guild president) with the branch chairman (Mr. W. E. Phillipson and Mrs. Phillipson) at the Branch's silver jubilee dance in Manchester recently.



COMPANY NEWS

Last year's figures in parentheses.

EVAN WILLIAMS (HOLDINGS), LTD. — No dividend for 1956 (same). Net profit £3,044 (£928), after tax £4,698 (£9,963).

SMITH & NEPHEW, LTD. — Messrs. C. W. Crouch and T. L. Whittaker have been appointed joint managing directors of the company.

TIMOTHY WHITES & TAYLORS, LTD. — The resolutions providing for an increase in the capital of the company (see *C. & D.*, March 30, p. 346) were approved on May 2.

EVANS MEDICAL SUPPLIES, LTD. — The chairman (Mr. Ian Ferguson) has informed shareholders that the Inland Revenue are to appeal to the House of Lords for their judgment as to whether a sum of £100,000 paid to the company by the Government of the Union of Burma should attract tax. [A report of the proceedings in the Court of Appeal was given in the *C. & D.*, December 22, 1956, p. 678.]

ALBRIGHT & WILSON, LTD. — During 1956 group capital expenditure exceeded £2·5 millions of which about half was devoted to expansion in Canada, states Mr. K. H. Wilson (chairman) in the company's annual report. In 1957 it is planned to spend about £3 millions on projects due for completion during the next two or three years. Sales were higher in 1956, but rising costs prevented earning corresponding increases in profits. For accounts see *C. & D.*, March 30, p. 346.

SMITH & NEPHEW ASSOCIATED COMPANIES, LTD. — Net trading profit for 1956 was £1,403,858 (£1,310,611) and divisible profit after deduction of tax, £539,980 (£589,248). The 1956 surplus is arrived at after an additional taxation item of £49,000 and non-recurring and exceptional items of £74,000. The trading year can be regarded as satisfactory states Mr. George E. Leavey (chairman), both home and export sales show modest increases but costs and expenses still move upwards despite continuous efforts to restrain them.

MONSANTO CHEMICALS, LTD. — The chairman (Sir Miles Thomas) in the annual statement to shareholders reports that several new manufacturing projects were completed during 1956 including a plant for the manufacture of cyclohexylamine and the first plant in Britain to make maleic anhydride. Expenditure on capital projects totalled £2·24 millions. Parallel with the steady developing contribution made by newer materials the sales of older established products continued to expand. He reports that aspirin is in greater demand than ever before despite the "newer and more glamorous drugs." Sir Miles refers to the increasing need for adequate supplies of fresh water and the growing cost of effluent disposal that the chemical and other industries are having to face. Since 1945 the company's Ruabon factory alone had spent over £1·5 millions on effluent purification and disposal. The income of the group for 1956 was £2,687,064 (£2,928,056). For other figures see *C. & D.*, March 2, p. 234.

NEW COMPANIES

P.C. = Private Company; R.O. = Registered Office

LIQUID SOAPS, LTD. (P.C.)—Capital £1,000. To carry on the business of soap manufacturers, etc. Solicitors: Millett & Co., 85 London Wall, London, E.C.2.

MACTON (SOUTH WALES), LTD. (P.C.)—Capital £3,000. To carry on the business of chemists' sundriesmen. Directors: Arthur S. Wharton and Francis G. McAndrews. R.O.: 4 Gelyns Terrace, Morganstown, nr. Cardiff.

H. L. TWIDALE (SUTTON-IN-ASHFIELD), LTD. (P.C.)—Capital £5,000. Directors: George R. Milton, M.P.S., Herbert L. Twidale, M.P.S., and Vera Twidale. R.O.: 23 Commercial Street, Mansfield, Notts.

EXECUTIVE LABORATORIES, LTD. (P.C.)—Capital £1,000. To carry on the business of manufacturers of and dealers in cosmetic preparations, etc. Solicitors: Tarlo Lyons & Co., 16 Manchester Square, London, W.1.

E. E. PARR, LTD. (P.C.)—Capital £5,000. To carry on the business of wholesale and retail chemists and druggists, etc. Directors: Ellen F. Parr and Eric E. Parr, M.P.S. R.O.: 239 High Street, Tunstall, Stoke-on-Trent.

H. L. TWIDALE (MANSFIELD), LTD. (P.C.)—Capital £2,000. Directors: Clifford Wetherbed, Herbert L. Twidale, M.P.S., and Vera Twidale. R.O.: 23 Commercial Street, Mansfield, Notts.

H. J. TWIDALE (ARNOLD), LTD. (P.C.)—Capital £2,000. To carry on the business of chemists, opticians, chiropodists, etc. Directors: Herbert L. Twidale, M.P.S., Vera Twidale and Jack Corson, M.P.S. R.O.: 23 Commercial Street, Mansfield, Notts.

BEKEN & SON, LTD. (P.C.)—Capital £15,000. To carry on the business of chemists, etc. Directors: Frank W. Beken, M.P.S., Hilda R. Beken, Alfred K. Beken, M.P.S., and Alexandra Beken. R.O.: Blenheim, Birmingham Road, Cowes, Isle of Wight.

PROPRIETARY CHEMICALS, LTD. (P.C.)—Capital £100. To carry on the business of manufacturers of and wholesale and retail dealers in deodorants, disinfectants, chemicals, etc. Director: David M. Brook. R.O.: 51 Fairclough Lane, Liverpool, 17.

D. MIDGLEY, LTD. (P.C.)—Capital £10,000. To carry on the business of manufacturing and dispensing chemists and druggists, opticians, etc. Directors: Douglas Midgley, M.P.S., and Betty J. Midgley. R.O.: 18 Cecil Square, Marigate, Kent.

WALTER N. EVANS, LTD. (P.C.)—Capital £1,000. To carry on the business of chemists, druggists and opticians, etc. Directors: Walter N. Evans, M.P.S., and Ernest R. S. Johnson, M.P.S. R.O.: 496 Liverpool Road, Patricroft, Lancs.

I. L. WADSWORTH, LTD. (P.C.)—Capital £2,000. To carry on business as wholesale and retail chemists, druggists, etc. Directors: Ivo L. Wadsworth, M.P.S., and Elsie Wadsworth. R.O.: 255 Katherine Street, Ashton-under-Lyne.

W. BULLIVANT & SON, LTD. (P.C.)—Capital £2,000. To acquire the business of a pharmacist now carried on by Reginald I. Bullivant, M.P.S., 30 West Street, Boston, Lincs. Directors: Reginald I. Bullivant and Daisy E. Bullivant.

O'FERRALL OF SURBITON, LTD. (P.C.)—Capital £100. To carry on the business of manufacturers of and dealers in chemists' and druggists' sundries, etc. Directors: Mark H. O'Ferrall, Marjorie O'Ferrall, and James F. Nicholls. R.O.: Elm Close, Tolworth, Surrey.

J. J. BROWN (LONDON), LTD. (P.C.)—Capital £150. To carry on the business of importers and exporters of and dealers in sponges and loofahs, etc. The first directors are to be appointed by the subscribers. Solicitors: H. B. Supperstone & Co., 78 South Audley Street, London, W.1.

G. BRYAN BROOK, LTD. (P.C.)—Capital £4,000. To acquire the business of a dispensing chemist and optician, and photographic dealer carried on by Gurney B. Brook at Battersea, etc. Directors: Gurney B. Brook, M.P.S., and Violet C. Brook. R.O.: 155 Lavender Hill, London, S.W.11.

RELPH & WILLIAMS, LTD. (P.C.)—Capital £100. To acquire the business of chemists, druggists and opticians carried on at Harlow, etc. Directors: Samuel Relph, M.P.S., Mostyn Williams, F.P.S., and Evan T. George, M.P.S. R.O.: 4 Market House, Stone Cross, Harlow.

C. BRADBEER, LTD. (P.C.)—Capital £5,000. To carry on the business of wholesale, retail, and dispensing chemists, etc. Directors: William C. Bradbeer, M.P.S., Louisa H. Bradbeer, Alfred A. Nurse and Mary E. Nurse. R.O.: 14 West Percy Street, North Shields.

W. G. ROBINSON (CHEMIST), LTD. (P.C.)—Capital £2,500. To acquire the business of a chemist formerly carried on by Walter G. Robinson, 148 Wadham Road, Walthamstow, London, E.17. Directors: Cornelia J. Robinson, Leonard Roper and Alexander Dodds, M.P.S.

A. WALKER (ALLENDALE), LTD. (P.C.)—Capital £2,000. To carry on the business of wholesale or retail chemists, etc. Directors: Arthur Walker, M.P.S., Affie L. Walker, Dr. John H. Walker and Michael M. Walker. R.O.: 3 Shield Street, Allendale.

M. R. McGREGOR, LTD. (P.C.)—Capital £4,500. To carry on the business of manufacturing, wholesale and dispensing chemists and druggists and opticians, etc. Directors: William McGregor, M.P.S., and Margaret R. McGregor, M.P.S. R.O.: 1 Station Terrace, Shenfield, Essex.

J. E. EVANS (CHEMISTS), LTD. (P.C.)—Capital £4,000. To acquire the business of dispensing chemist carried on at 24 Steynton Avenue, Bexley, as John Ernest Evans, etc. Directors: John E. Evans, M.P.S. (director), W. E.

Gibson, Ltd.), and Winifred E. Evans. R.O.: 24 Steynton Avenue, Bexley, Kent.

KALIUM PRODUCTS (RED-DITCH), LTD. (P.C.)—Capital £5,000. To carry on the business of manufacturers of and wholesale and retail dealers in animal and bird foods of all kinds, manufacturing and retail chemists, etc. Directors: Arthur Weale and Madge Weale. R.O.: Adelaide Street, Redditch, Worcestershire.

ROBERT NEWICK (SOAPS), LTD. (P.C.)—Capital £10,000. To acquire the business of a wholesale and retail dealer in soaps and other goods carried on by Robert Newick at Bristol, etc. Directors: Robert Newick, Arthur R. Lovell, and Henry G. J. Carnell. R.O.: 82A Regent Street, Weston-super-Mare, Somerset.

FRANK WREFORD, LTD. (P.C.)—Capital £5,000. To acquire as a going concern the undertaking and certain of the assets of Frank Wreford, Ltd. (in liquidation) to carry on the business of manufacturing and retail chemists, druggists, etc. Solicitors: Linklaters & Paines, 59 Gresham Street, London, E.C.2.

SHORT & MASON, LTD. (P.C.)—Capital £5,000. To carry on the business of manufacturers of and dealers in aneroid and other barometers, thermometers, hydrometers, etc. Directors: Raymond E. Olsen and Lewis B. Swift (both of Rochester, U.S.A.), David B. Pinkney, Edward J. Jordan and George Paxton, R.O.: Macdonald Road, Walthamstow, London, E.17.

IMMUVAC (ENGLAND), LTD. (P.C.)—Capital £10,000. To buy, sell and manufacture vaccines, sera, pharmaceutical, medicinal and industrial preparations, etc. Subscribers: Arthur W. Uther, Neville L. Manning and Francis H. Steere, 103 York Street, Sydney, Australia. The first directors are to be appointed by the subscribers. Solicitors: Slaughter & May, 18 Austin Friars, London, E.C.2.

KOLMAR COSMETICS (ENGLAND), LTD. (P.C.)—Capital £50,000. To enter into an agreement with Kolmar Cosmetics Europe Corp., Ltd., relating to the manufacture and sale of perfumery, cosmetics and toilet requisites, in the United Kingdom, the British Commonwealth and certain countries in Europe, etc. The first directors are not named. Solicitors: Underwood & Co., 9 Cavendish Square, London, W.1.

Winding-up Order

GROVE PHARMACY, LTD.—On the petition of Unichem, Ltd., wholesale chemists, Broadwater Road, London, S.W., Mr. Justice Vaisey, in the Chancery Division on May 6, made an order for the compulsory winding-up of Grove Pharmacy, Ltd., Westcliff. For the petitioners, it was said they were judgment creditors for £478. There were no notices of opposition or support and the company did not appear.

STATUTORY COMMITTEE PROCEDURE

New Regulations issued as Statutory Instrument

NEW Regulations governing the procedure to be followed by the Statutory Committee of the Pharmaceutical Society have been published as the Pharmaceutical Society (Statutory Committee) Order of Council, 1957 (Statutory Instrument, 1957, No. 754).

The revision of the existing Regulations which were made in 1942 was made necessary by the passing of the Pharmacy Act, 1954. The opportunity has been taken to recast the Regulations in the light of practical experience gained since 1942.

Among the changes are the following:

In the 1942 Regulations reference was made to the procedure to be followed on receipt by the Committee of information about a pharmacist, etc., being guilty of such misconduct as rendered him unfit to be on the Register. The new Regulations drop the qualifying words "such" before "misconduct" and "as rendered him unfit to be on the Register" after "misconduct."

Under the old Regulations, before the chairman of the Committee decided that any case arising out of a conviction or misconduct should not proceed further he could, if he thought fit, consult other members of the Committee. Now he is obliged to consult the other members of the Committee, orally or by letter, but only before deciding not to proceed further with a case where he is of the opinion that the conviction or misconduct alleged is not of a serious nature or is for any other reason (apart from certain others previously mentioned in the Regulations) of such character that the matter can be disposed of without an inquiry. He may, in those cases, direct the secretary to send a reprimand to the person affected and caution him as to his future conduct.

Chairman's New Authority

A new Regulation 10 has been introduced. It states: If at any time after an inquiry has been directed and before it has been held information is received by the secretary or by the solicitor instructed as aforementioned which might have justified the chairman in not directing an inquiry in the first instance any such information shall be referred to him and he may direct that the inquiry shall not proceed further, and, in that case, shall report such direction to the Committee.

Where the person affected and the complainant (if any) agree, the period of notice before an inquiry is held may now be reduced to such period as may be agreed.

A notice sent to any person in accordance with (new) Regulations 11 and 12 may be amended with the consent of the Committee or of the chairman and written notice of the amendment must be sent to such person in the manner provided by Regulation 12 or otherwise brought to his notice by the secretary before the inquiry is held or in the course of the inquiry. Provided that the person affected shall

have the right to demand an adjournment of the inquiry if reasonable notice of any amendment materially affecting the particulars of the misconduct alleged in the notice of inquiry has not been given before the inquiry commenced.

When an inquiry is adjourned the secretary must notify the person affected and the complainant (if any) of the day, hour and place of the new inquiry not less than twenty-one days before the new inquiry takes place. In the old Regulations the period was twenty-eight days.

Procedure After Hearing

The following is the new procedure to be followed at the conclusion of a hearing:

The Committee shall deliberate in private and shall decide:

(a) whether the conviction or misconduct alleged is proved;

(b) if so, whether such conviction or misconduct is such as to render the person with regard to whom it is proved, or is such as would if he were a registered pharmaceutical chemist render him unfit to be on the register;

(c) if so, whether one of the directions specified in section 8 of the Act of 1954, section 9 of the Act of 1933 or section 10 of the Act of 1933 should be made; and

(d) whether any reprimand or admonition should be addressed to the person affected;

Provided that the Committee may postpone its decision or any part of it, either generally or on such terms as it may approve.

If the Committee postpones its decision under paragraph (c) or (d) above it may, when the case is resumed, take into account before reaching a decision thereon any information then or previously given to them concerning the conduct of the person affected since the original hearing, provided that they shall not take into account any adverse report without giving the person affected a reasonable opportunity of answering it.

Another new Regulation is:

Where under any of the foregoing provisions of these Regulations an inquiry is adjourned from one meeting to another, or a decision or any part of it is postponed to a future meeting, the validity of the proceedings at the later meeting shall not be called into question by reason only that members of the Committee who were present at the earlier meeting were not present at a later meeting, or that members of the Committee who were present at the later meeting were not present at the earlier meeting.

In the section of the Regulations dealing with applications for relief from consequences of previous decisions a new rule states that in considering an application under this part of the Regulations the Committee may take into account any information in its possession concerning the conduct of the applicant during the period which has elapsed since the original direction was given. The chairman

may direct that the substance of any adverse report should be sent to the applicant who shall be given an opportunity of submitting a reply thereto in writing. In those circumstances consideration of the application shall not take place until after such reply is received or a reasonable time for submitting a reply has, in the opinion of the Committee, elapsed. No adverse report shall be taken into account unless those steps have been taken.

The chairman may direct that the application shall be considered in public. In that case:

(a) The Committee shall afford the applicant an opportunity of appearing before the Committee in person or by a solicitor or counsel.

(b) In a case where the original direction was given following a complaint the Committee may afford the complainant an opportunity of being heard.

(c) Subject to the foregoing provisions the procedure of the Committee in connection with the application shall be such as it may determine.

Copies of the Order are obtainable from H.M. Stationery Office, price fivepence.

LEGAL REPORT

Improper Use of Title

At Liverpool on May 3, Thomas Howlett Davies, 493 Southdown Road, Liverpool, was summoned for improperly using the title of chemist when he was not a registered pharmaceutical chemist and for having sold poisons (codeine, nux vomica and phenobarbitone). He was fined £5 on each of the four summonses and was ordered to pay £5 5s. costs. He had entered a plea of guilty. For the Pharmaceutical Society, it was stated that Davies, who had been engaged in the wholesale drug trade, intimated to the Society that he was opening a chemist's business. Not being a registered person, he was given certain information. On March 21, an inspector visited the shop and bought compound tablets of codeine. A few days later, another inspector sent into the shop a woman with a National Health Service prescription for nux vomica and phenobarbitone. The prescriptions were dispensed. There was no suggestion that Davies dispensed the prescriptions or that they were not properly dispensed. For Davies it was said that he was in ignorance of the formalities required. At all material times there was a qualified chemist to dispense the prescriptions and there never was any danger to the public. When he opened the business he should have obtained legal advice. Steps were later taken to have the firm incorporated, but that had not been done by March 26. The stipendiary magistrate said the interests of the public so far as dispensing was concerned had been fully protected. The Acts were mainly directed against medical quacks, but this case was different and not of that nature. Davies had previously been employed by a highly reputable firm of wholesale druggists.

TRADE NOTES

Ten-tablet Size Discontinued.—Genatosan, Ltd., Loughborough, Leics, are discontinuing their ten-tablet pack of Genasprin. Warehouse stocks are exhausted.

Office Hours Changed.—British Schering, Ltd., 229 Kensington High Street, London, W.8, announce that their office hours are now 9 a.m. to 5.15 p.m., Monday to Friday.

Letters in a Name.—F. W. Hampshire & Co., Ltd., Sunnydale, Derby, point out that their new cream shampoo is entitled Safada and not as spelled in a paragraph in these columns last week.

A Product Discontinued.—Merck Sharp & Dohme, Ltd., Hoddesdon, Herts, are discontinuing their Jectemina-B when present stocks are exhausted. No further stocks of the 10-mil size are available, but reasonable stocks of the 5-mil and five 2-mils are still held.

Sun-glasses Offer.—Alfred Franks & Bartlett Co., Ltd., 226 Gray's Inn Road, London, W.C.1, are offering a special 9 doz. refill pack of Protector sun-glasses for filling the Bartex revolving display stand. Profit on the pack is 100 per cent. on cost.

Soap Gift Offer.—D. & W. Gibbs, Ltd., Hesketh House, Portman Square, London, W.1, are offering until June 14 a beauty sponge, of a retail value of more than sixpence, free to purchasers of two bath-size tablets of Astral soap.

Seasonable.—Sold as both a dressing and a conditioning cream, Vita-pointe hair-conditioning cream, now manufactured in Britain by C. E. Fullford, Ltd., Carlton Hill, Leeds, 2, is claimed by the manufacturers to have a specially wide appeal and sale during the Spring months.

New Veterinary Products.—Biorex (Marketing), Ltd., 47 Exmouth Street, Rosebery Avenue, London, E.C.1, are introducing a new range of Biosone G.A. veterinary products: Biosone G.A. cerate; Biosone G.A. cerate with neomycin; and Biosone G.A. ointment with neomycin. The cerate and cerate with neomycin are in packs of 3 gm. The ointment is in packs of 5 and 25 gm.

Capsules Discontinued.—The Armour Laboratories (Armour & Co., Ltd.), Hampden Park, Eastbourne, Sussex, have discontinued their penicillin insufflation capsules. The Armour patented insufflator continues to be available for other Armour products including hydrocortisone acetate snuff, posterior pituitary lobe snuff and chloramphenicol topical powder, and is supplied in sets or separately.

Dental Products Taken Over.—Astrapharm, Ltd., 24 Fairfield Road, Kingston-on-Thames, Surrey, have taken over the distribution of Xylocaine and Xylocaine dental products in the United Kingdom. Xylocaine cartridges for medical use continue to be distributed by Duncan, Flockhart & Co., Ltd. Practising dentists are supplied only through retail organisations.

Telephone Numbers Wanted.—J. N. Whitelaw, Ltd., paper merchants and printers, Palestine Grove, London, S.W.19, invite wholesalers to send them

details of telephone numbers for free inclusion in an alphabetical index of telephone numbers, eyeletted for hanging on the pharmacy wall. Blank but ruled pages for the numbers of doctors, dentists, other chemists and personal contacts make the list a sought-after accessory in retail pharmacies.

Aromatic Chemicals.—Polak & Schwarz (England), Ltd., 50 Great Cambridge Road, Enfield, Middlesex, have commenced production at their new factory at Haverhill, Suffolk, of the following aromatic chemicals:—Linalol ex bois de rose, linalyl acetate 90–92 per cent. ex bois de rose, linalyl acetate 95–99 per cent. ex bois de rose, amyl cinnamic aldehyde alpha, ionone 100 per cent., ionone alpha, methyl ionone, citral 90–92 per cent., 95–96 per cent., and 98–100 per cent.

Chemicals Agency Extended.—Durham Raw Materials, Ltd., 1 Great Tower Street, London, E.C.3, are selling agents for the clays produced by Watts, Blake, Bearne & Co., Ltd., Newton Abbot, Devon. The agency extends to all industries other than the ceramic and refractory trades. In consequence they now offer a wide range of chemicals (complementary to the clay) which includes eight grades of zinc oxide; zinc carbonate; aluminium, calcium and lithium stearates; cadmium and antimony sulphides and calcium silicate.

Veterinary Distributors.—The Armour Laboratories (Armour & Co., Ltd.), Hampden Park, Eastbourne, Sussex, have appointed W. Gimber & Sons, Ltd., Peckham, London, S.E.15, sole distributors in the United Kingdom for their range of veterinary medicines including P.O.P. (purified oxytocic principle), Fantomar, Adrenomone (ACTH), and Trytar. Messrs. Gimber are also stockists of Armour suture and ligature materials. Wholesalers will continue to draw their supplies of ligatures and sutures direct from Messrs. Armour.

Increasing Production of Nicotinic Acid.—To meet an increasing demand from overseas markets for nicotinic acid, both as a pharmaceutical raw material and as a flour enricher, A.B. Bofors, Sweden, are erecting a new plant which will be in production at the end of 1958, and which will produce 300 tons a year. When the plant is in operation the company's production of iso nicotinic acid and iso nicotinic acid hydrazide will also be materially increased. In addition it is intended to commence the production of nicotinic acid amide during 1958. The British subsidiary is Bofors (Gt. Britain) Co., Ltd., 81 Gracechurch Street, London, E.C.3.

In Britain to Seek Agencies.—In Britain to negotiate agencies is Mr. John Whitehouse, director of PAC Distribution, Ltd., which has its head office at End Street, Johannesburg, and branches at Cape Town, Durban and Port Elizabeth. "We operate either on an ex stock basis—which we prefer in the case of advertised consumer goods—or on an indent basis," said Mr. Whitehouse, whose headquarters in Britain are at the company's London

agents and shippers: Gordon & Gotch, Ltd., 12 St. Bride Street, London, E.C.4.

Clean Overall Service.—A linen hire service at a low weekly rental figure which can be offset against income tax is now available to both the distributive and manufacturing industries from Spring Grove Linen Hire, 15 Pennard Road, Shepherds Bush, London, W.12. The service provides overalls and protective clothing in a wide choice of styles and colours individually fitted to each wearer, to whom three garments are issued. The overalls are also coded so that they can be identified by the user. Garments are supplied on a regular basis, an after-sales service ensuring that the scheme operates smoothly. In addition, an overall returned for cleaning and which has missing buttons, is torn or damaged in any way, is repaired before re-issuing once more to the user.

Remodelled.—The range of Nivea sun-tan preparations has been redesigned. They now appear in colours of sun tan and sky blue. Nivea sun-



ning oil is available not only in the familiar bottle but also in a completely new, press-button "sunspray" container. The "sunspray" contains 50 per cent. more sunning oil than its predecessor, yet its retail price is lower. Nivea Sunfilla non-staining, non-greasy sun-tan cream is made to an improved formulation that produces a quick tanning and permits longer "safe exposure. It is claimed an excellent powder base.

Bonus Offers

KATHLEEN COURT (ENGLAND), Ltd., 67 Effra Road, London, S.W.2. Cool tan sun oil aerosol spray. Thirteen dozen. May include other products the company. Until May 15.

GLAXO LABORATORIES, LTD., Greenford, Middlesex. Glucodin. Three packets for each twenty-one orders. May 13 to June 8, inclusive.

POTTER & CLARKE, LTD., River Road, Barking, Essex. Antasma. Thirteen doz. on orders for 2 doz. small plus 1 doz. large. Through wholesalers on

HENRY TETLOW CO., LTD., 191 Lammer Road, London, W.10. Swandown "invisible hair net." Fourteen to doz. For one month.

NEW PRODUCTS AND PACKS

For Treatment of Asthma. — A new asthma preparation in tablet form, Antasma, is being marketed by Potter & Clarke, Ltd., River Road, Barking, Essex. The product is packed in single phial or economy carton of three phials.

Antihallucinative. — On May 13 Riker Laboratories, Ltd., Morley Street, Loughborough, Leics, are launching a new antihallucinative and anti-confusive drug, Frenquel, each tablet of which contains 20 mgm. of Frenquel ((alpha-4-piperidyl) benzhydrol).

Treatment of Pre-menstrual Syndrome. — Ward, Cassenne, Ltd., 116 Victoria Street, London, S.W.1, are shortly introducing a non-hormonal treatment for pre-menstrual syndrome. Quadrin tablets. Each tablet contains ammonium chloride, 0.3 gm.; reserpine, 0.2 mgm.; homatropine methylbromide, 0.5 mgm.; caffeine, 0.03 gm. The distributors are Fassett & Johnson, Ltd., 86 Clerkenwell Road, London, E.C.1.

Hay Fever Treatment. — A new day and night therapy for hay fever is provided by Allen & Hanburys, Ltd., Bethnal Green, London, E.2, in the form of Piriton Duolets. The outer layer of each tablet contains 4 mgm. of Piriton maleate and dissolves rapidly to give rapid relief. The inner core contains 4 mgm. of Piriton maleate enclosed in a special barrier for timed release, providing prolonged relief over a period of from eight to twelve hours. The tablets are being marketed in bottle of twenty-five and container of 250 tablets.

For Relief of Parkinsonism. — A new oral agent, Cogentin, for the symptomatic relief of Parkinson's syndrome is being generally released shortly by Merck Sharp & Dohme, Ltd., Hoddesdon, Herts. It has previously been available on a limited scale. The drug is being supplied in bottles of 100 quarter-scored tablets, each tablet containing 2 mgm. benztrapine methanesulphonate. The product is included in schedules 1 and 4 of the Poisons Rules. The company are now issuing a 1,000-tablet pack of their 2.5 mgm. Inversine tablets.

Tinted Synthetic Sponges. — Carrying the seal of the Good Housekeeping Institute, the Spungee is a rectangular



synthetic sponge available in primrose, steel blue, green, pink or white. The manufacturers are Oswald Distributors (London), Ltd., 27 Albemarle Street, London, W.1.

New Soap Range. — Morny, Ltd., 22 Wadsworth Road, Perivale, Greenford, Middlesex, announce the introduction of a "full range" of soaps in the June Rose fragrance.

Cream in "Personal Pack." — Tokalon, Ltd., Hanworth Lane, Chertsey, Surrey, are now marketing their Tokalon foundation cream, vanishing, in a small-size "personal-pack" tube.

"Invisible Hair Net." — Henry Tellow & Co., Ltd., 191 Latimer Road, London, W.10, are marketing their Swandown "invisible hair net" lacquer and set spray in pink and ivory polythene squeeze bottle.

"Living Coral" Lipstick. — Revlon International Corporation, 86 Brook Street, London, W.1, are marketing from May 20 a new lipstick, "snow peach," which is described as "a living coral making all other summer shades seem insipid." Matching shoes, bags, gloves and hats are being made available by other manufacturers.

Rotary Electric Shaver. — A new rotary battery shaver, the Distler, is being launched by Distler, Ltd., Hersham Factory Estate, Walton-on-Thames, Surrey. The makers state that the shaver is precision-made with "man-size" blades in a special domed foil-head with large shaving area. Powered by three standard 1½-volt torch batteries, the shaver is quiet in action, and the Electromatic motor is

designed for long life. Three-way slots and perforated pattern in shaving foil are claimed to shear long or short hairs.

Opalescent Cosmetics. — Helena Rubinstein, Ltd., 3 Grafton Street, London, W.1, have introduced a new opalescent range of their Silk and other cosmetics. The new shade is described as "diaphanous." The range includes opalescent Silk-tone foundation, Silk foundation special, Silk face powder, and Silk minute make-up, opalescent rose lipstick, rose nail lacquer and eye shadow stick.

Solid Deodorant. — Elizabeth Arden, Ltd., 25 Old Bond Street, London, W.1, have made available their Blue Grass deodorant in solid form, its container a blue and gold cylinder that operates like an outsize lipstick. It may be confidently used, they claim, by women with hypersensitive skins; it deodorises and protects, is instantly absorbed and long lasting. The corresponding liquid deodorant is in a pink pliable spray container. Elizabeth Arden's Sleek scented cream depilatory is now available in a smaller size, and Sunpruf cream in two shades: the original flesh colour and Sunpruf cream dark, to give a delicate tanned effect before the skin has had time to acquire a natural tan. The Elizabeth Arden lipstick and rouge in the varieties "rose mist," "plus oriental" red, Parma violet, "striking," "jewel ruby," and "radiant peony" are discontinued.

MANUFACTURERS' ACTIVITIES

Brighter Cricket? — The Brylcreem county cricket cups, each with a cheque for £105, presented by County Laboratories, Ltd., Stanmore, Middlesex, are again being awarded in 1957, for outstanding performances in first class cricket. The cups were originally introduced in 1954 to mark achievements in batting, bowling, fielding and wicket-keeping, with a fifth cup as a special award for what is adjudged the outstanding performance of the year in cricket.

Factory Doubled. — Established only six years ago, the South Wales factory of Revlon Corporation, 86 Brook Street, London, W.1, has already been enlarged to double its original size. The extension was put in hand eighteen months ago and is being completed this month. The completed building brings the factory area to over 60,000 sq. ft. The décor provides a pleasant atmosphere in which to work, the walls being washed in aquamarine. A general impression of light and freshness is carried through into the machinery; all metal equipment is made of stainless steel. In the laboratories, one department is devoted entirely to the matching of colours. In the powder and pressed powder section of the works dust-extraction plant is installed so as to provide the most agreeable and hygienic working conditions. An automatic bottle-labelling machine, claimed the only one of its kind in England, labels up to 5,000 bottles per hour. Mechanical conveyors and machinery for assembling the goods enable all orders to be promptly dispatched. In the offices a

punch-card tabulator increases efficiency giving ease and speed to invoicing.



CARGO: Treasure chest of brushes which G. B. Kent & Sons, Ltd., 24 Old Bond Street, London, W.1, have sent to the United States on "Mayflower II." On arrival at Plymouth, Massachusetts, the ship is being greeted, it is hoped, by President Eisenhower and the British Ambassador. Later the ship is sailing to New York where she and her contents are forming the centre of a major exhibition occupying Pier 81 on Forty-second Street. Messrs. Kent have already been approached by a number of leading stores in the United States for the loan of the chest for exhibition purposes and it will later be displayed at the company's offices in New York.

Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

Determination of Quinine

SIR.—While determining quinine in tonics containing quinine salts and other constituents in syrupy base, I have found the quinine to be easily extracted using sodium citrate by the following method. 2 mils of syrup is taken in a separating funnel together with 2 mils of 5 per cent. sodium citrate and 2 mils of 10 per cent. sodium hydroxide. The quinine is extracted by three successive extractions using 20 mils of chloroform for the first and 10 mils each for the second and third extractions. The chloroform is washed in 5 mils of distilled water in a second separating funnel. The chloroform is evaporated almost to dryness in a tared vessel on a water bath. 2 mils absolute alcohol is allowed to spread inside the vessel. The vessel is dried at 105° C. for one hour and weighed. Using sodium citrate in that extraction, it appears that emulsion formation is avoided so that the extraction is quicker. Any explanation will be acknowledged thankfully.

Sunderland

K. L. SAHA

To Those Who Serve

SIR.—Once again all members of the Pharmaceutical Society receive their voting papers for the coming election of councillors. No doubt, as usual, a large percentage of members will not even take the trouble to read the opinions expressed by those various candidates who are prepared to serve throughout the coming year. Hundreds of voting papers are probably already consigned to waste-paper baskets. What a sad state of affairs it is when the rank and file of any organisation is apathetic and disinterested. I wonder what the replies would be if one of the compulsory questions in every examination set for pharmaceutical students was as follows: "State briefly your reasons why you wish to become a member of the Pharmaceutical Society"? If only our apathetic passengers could bestir themselves sufficiently to vote, to attend meetings and voice their opinions, the progress towards prosperity as a profession would be greatly enhanced.

LINESMAN

Recommended to Electors

SIR.—An important development in London pharmaceutical circles is the nomination for election to the Council of the Pharmaceutical Society of Mr. Allen Aldington. For some years now the large number of pharmacists in the county of London have been aware that no pharmacist in business within the county has served on the Society's Council. The County Association therefore commends the candidature of Mr. Aldington to all pharmacists. His long record of service to his fellows as a member of the London Pharmaceutical Committee, the London Executive Council and the Executive of the National Pharmaceutical Union indicates his unselfishness in time and energy for the cause of

pharmacy in general and the problems of the retail pharmacist in particular. The recent letter from the North Metropolitan Branch of the Society has summarised the many sterling qualities of Mr. Aldington and we heartily endorse them. During the past year he has been chairman of the N.P.U. Executive and has worked tirelessly for his fellow members. The Executive of the County Association feel sure that his election to the Council of the Society will be of inestimable value to the profession, for he has youth, energy, foresight and ability to offer.

P. G. FLOOD, President,

W. F. WILKINSON, Secretary,

London County Pharmaceutical Association
London, W.C.1

Praise for Initiative

SIR.—The success story so admirably described and illustrated in the *C. & D.* (April 27, pp. 465-68) is a heartening example for young and enterprising pharmacists in these rather discouraging days. The Malvern business is known to the writer and its exterior most assuredly exemplifies what a modern retail pharmacy should be (and that is not necessarily speaking according to the "code"). One is inclined to wonder whether, with the introduction of the National Health Insurance dispensing scheme—and even more with the succeeding National Health Service arrangements—pharmacists did not sacrifice something of their individuality and independence. Previously the pharmacist was master in his own shop and managed his own affairs as he wished. He was not subject to discipline from two or three administrative bodies. Apart from poisons legislation he could open and close when he liked, sell what he liked and charge what he liked, his actions, of course, always being conditioned by

professional standards, commercial competition and economic pressure. Pharmacists may have gained much by becoming dispensers to the nation, but it is to be feared that in the process they have lost a great deal both of the dignity of their calling and of their independence of action. The Malvern story, however, shows that the man with commercial ideas and the determination to put them into practical form can subordinate N.H.S. restrictions to his own ends and while giving the service its proper place in his scheme, may still maintain his individuality as a successful practising pharmacist.

COMMENDATOR

Uncooperative

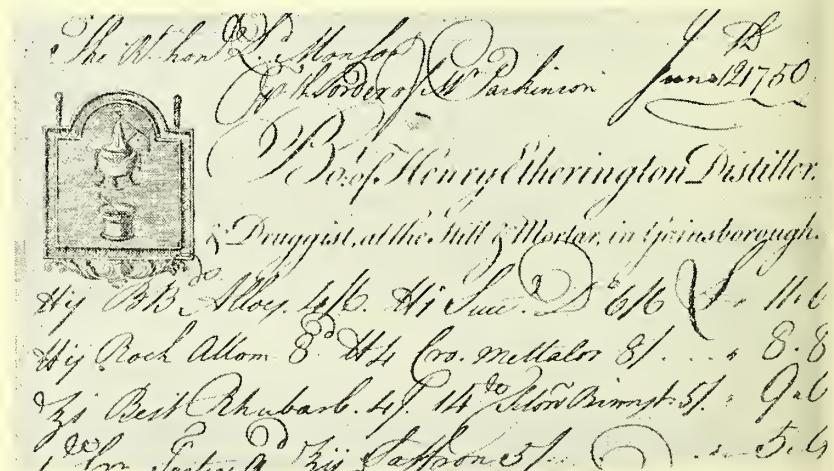
SIR.—Most retail pharmacists today are helpful and co-operative in their dealings with professional colleagues. This is particularly noticeable in Yorkshire industrial towns where private, multiple and co-operative chemists work amicably together, helping each other. It came as quite a shock to me when, acting as locum for a suburban pharmacist I rang up a big city pharmacist, asking him if he could spare me fifty of a special proprietary tablet (ordered on an urgent Health Service script) and was told curtly "This is not a warehouse." And that from a central co-operative pharmacy! Surely "co-operative" in that case was definitely a misnomer.

MORE CO-OPERATION

PROBLEM PICTURE

THE object illustrated under the above title last week (*C. & D.*, May 4, p. 491) was the apparatus for the pharmacopœial test for disintegration of tablets. The "guided disc," part of the apparatus, is illustrated on p. 71 of the Addendum 1955 to the British Pharmacopœia, 1953.

A LOCAL "BYGONE"



Bill, dated 1750, of a Gainsborough, Lines, distiller and druggist. The bill, now in Lincoln Archives Office, sports two items of the druggist's equipment: still (above) and pestle and mortar.

Facts his doctor wasn't told...

Retired for the last three years, the patient complains that he's unable to keep pace with his gentle present-day routine. 'Says he's always tired . . . can't understand it as he's always been so active for his age. He doesn't say however that since his wife died, he's lost interest in his food . . . his attention to diet has been lacking and regular meals have been replaced by casual snacks.

GEVRAL Geriatric Vitamin—Mineral Supplement was evolved to enable doctors to treat just such patients—to provide a balanced ration of essential nutrients in the simplest form. The usual dosage is one capsule daily—and the **GEVRAL** formula is so comprehensive that this routine provides effective all-round supplementation. Indeed, for many elderly patients the result is a gratifying return of general well-being—and the rediscovery that life is worth living!

another member of the



GEVRAL*
Capsules
Geriatric Vitamin—Mineral Supplement

Each capsule contains:

Vitamin A	5,000 I.U.	Ascorbic Acid (C)	50 mg.
Vitamin D (viosterol)	500 I.U.	Purified intrinsic factor concentrate 0.5 mg.	
Vitamin B ₁₂ as present in concentrated extractives from streptomyces fermentation	1 microgram.	Rutin	25 mg.
Thiamine mononitrate (B ₁)	5 mg.	Iron (as FeSO ₄)	10 mg.
Riboflavin (B ₂)	5 mg.	Iodine (as KI)	0.5 mg.
Niacinamide	15 mg.	Calcium (as CaHPO ₄)	145mg.
Folic Acid	1 mg.	Phosphorus (as CaHPO ₄)	110 mg.
Pyridoxine HCl (B ₆)	0.5 mg.	Boron (as Na ₂ B ₄ O ₇ .10H ₂ O)	0.1 mg.
Calcium pantothenate	5 mg.	Copper (as CuO)	1 mg.
Choline dihydrogen citrate	100 mg.	Fluorine (as CaF ₂)	0.1mg.
Inositol	50 mg.	Manganese (as MnO ₂)	1 mg.
Vitamin E	10 Units	Magnesium (as MgO)	1 mg.
		Potassium (as K ₂ SO ₄)	5 mg.
		Zinc (as ZnO)	0.5 mg.

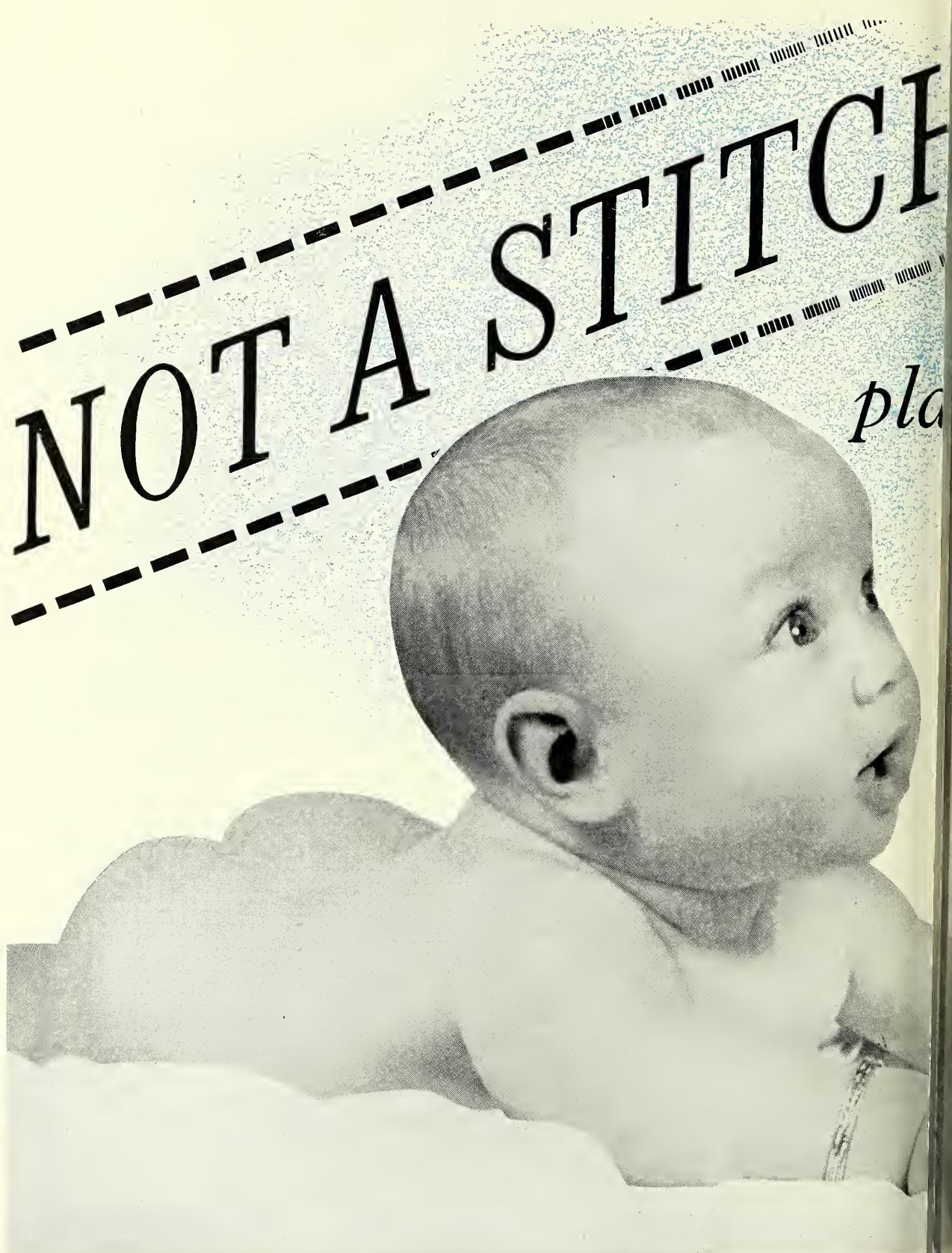
LEDERLE VITAMIN RANGE

*REGD. TRADEMARK

LEDERLE LABORATORIES DIVISION

Cyanamid OF GREAT BRITAIN LTD., London, W.C.2





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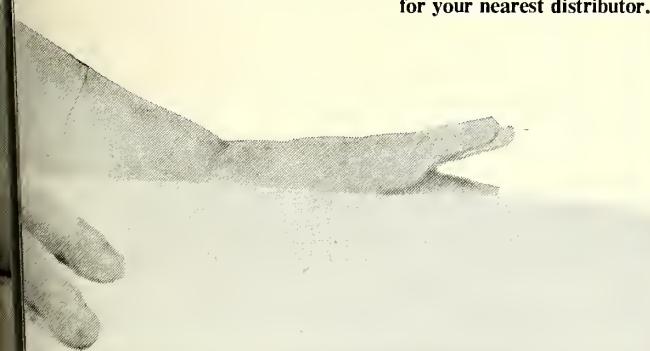
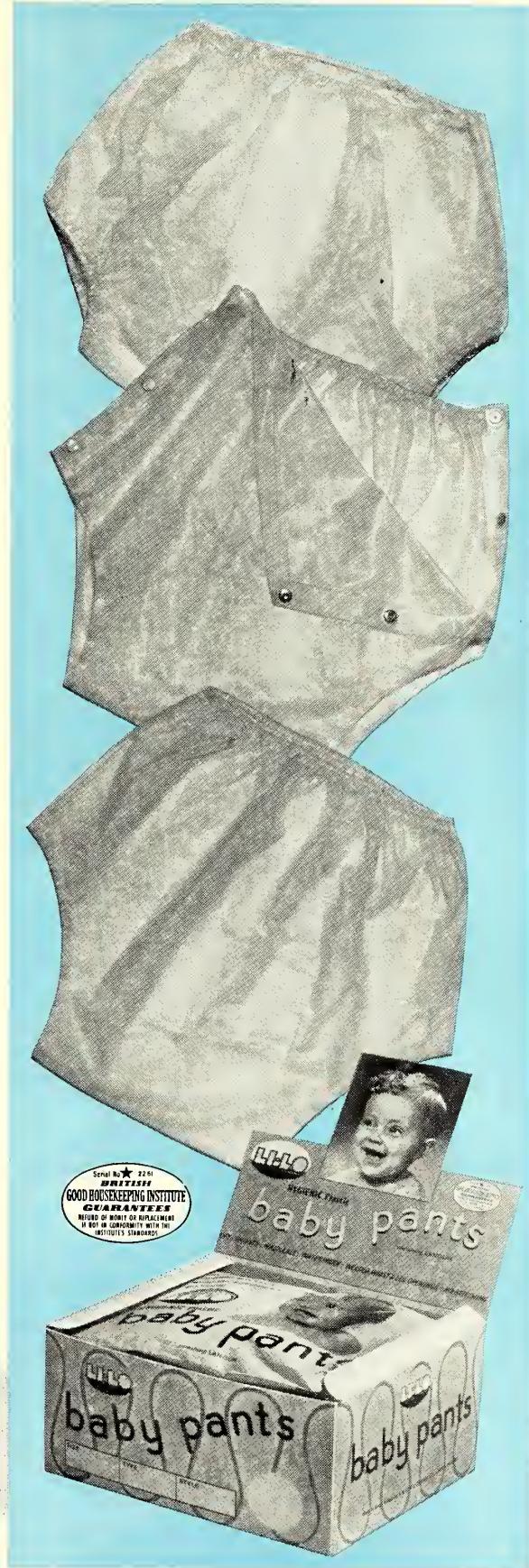
LI-LO
REGD. TRADE MARK

New LI-LO baby pants have all-welded seams

te film is lanolin-impregnated — so soft and smooth for baby. washable, completely waterproof, non-staining and hygienic pants are in elastic or open leg styles (large and medium sizes) LI-LO 'Snappifit' design. All three contain lanolin — and all the Good Housekeeping Institute. Every pair of LI-LO baby ly packed in an attractive envelope; one dozen of a style and size to a counter display carton.

Rubber baby pants in superfine white rubber sheeting are still in two styles — elastic or open leg, in large and medium sizes.

Obtainable from your wholesaler, but should difficulties arise in obtaining supplies, write to us for your nearest distributor.



The original Lente Insulins

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All available in 40 and 80 units per ml.



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For Retailer, Wholesaler and Manufacturer

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TELEGRAMS: "CHEMUS ESTRAND, LONDON"

Inner Cleanliness

A WRITER in the May issue of the publication *Executive Council*, organ of the Society of Clerks of Executive Councils, suggests that the Minister of Health should, by regulation under the National Health Service Act, provide for the inspection of chemist contractors' premises. Such official inspection would ensure, he writes, "a standard of cleanliness which is not incompatible with the standards of other practitioners providing services under the National Health Service."

The author explains that when a member of the public, after receiving pharmaceutical services under N.H.S., complains to the local Executive Council that the premises at which his medicine was dispensed were not clean, the Council can do nothing about it, having no power of inspection. The power of inspection under the Pharmacy and Poisons Act, 1933, would not appear, he adds, to authorise any inspection of the general condition of the premises.

That chemists' premises should come up to a high standard, comparing well with the standards maintained by, for example, food shops, would be agreed by all responsible pharmacists. In chemists' premises are performed a vital service which the public is entitled to have carried out in accordance with proper standards of hygiene.

The question arises whether the proper authority for inspecting pharmacies is a Ministry official or an agent of pharmacists' own professional body, the Pharmaceutical Society. The Society is the body that lays down professional standards for pharmacy and already, under the Pharmacy and Poisons Act, 1933, maintains a corps of inspectors.

If a complaint about a contractor's premises should be made by a member of the public to an Executive Council—and we cannot but believe that such complaints must be rare and isolated—surely the best procedure would be for the Executive Council to refer the matter to the Pharmaceutical Society. The Society at the same time should actively enforce shop cleanliness, a matter which it has seemed reluctant to tackle in the past. If it did so, then complaints by members of the public, rare now, would become entirely unnecessary.

It is far better that the pharmacists' "housekeeping" standards should be maintained from within than imposed from without. Any efforts that the Council makes towards that desirable end will receive the support of membership at large, for a single dirty pharmacist can bring discredit on the whole profession.

ANY BUSINESS QUESTIONS?

I have arranged for two members of my staff who live at some distance to have their midday meal with us. Am I permitted to charge the business with an estimated cost of those meals and obtain tax relief? Both employees earn under £500 per annum. I take it they would not be charged with tax on the benefit as part of their salaries?

In my opinion, the expense of providing meals to employees in the circumstances referred to may be legitimately charged to the business, and is a deduction allowable in accordance with the income tax Acts. The importance of maintenance of goodwill with the employees of a business is not to be questioned, but the inspector of taxes may require assurance that the estimate is a fair charge of the meals provided. It is suggested that the costs as arrived at should be withdrawn, say each week, from the till and the withdrawal entered in the appropriate cash records. The meals form a benefit in kind not convertible to cash, and would not be assessable on the employees referred to.

I have for many years had the use of a private saloon car owned by my business (not a company or limited company). It has in fact been used for many business purposes, all approved by my accountant (and, when necessary, petroleum officer) and for travel from residence to business (seven miles). In 1952 I purchased a Rover 75 and sold a Vauxhall 14 (post-war). I have always been charged a reasonable lump sum for the private use of the car, but now the Inland Revenue propose, after being provided with total mileage (40,000) distance travelled to date between residence and business during forty-seven weeks, plus 400 miles for holidays (not always taken), to charge me back against personal use three-sevenths of the running expenses (which have ranged from £148 to £173) and three-sevenths of the capital depreciation of the car. That appears to be contrary to the custom as applied to many other business men, and furthermore the tax office propose to date back the arrangement to the date of purchase of the car—1952—despite the fact that balance sheets have been presented and passed since the car was bought. Have I any redress?

ALTHOUGH an inspector of taxes may be prepared to accept a reasonably arbitrary fraction of the car running expenses as being referable to private use and may add back such fraction to taxable profits, allowing only the business proportion in respect of capital allowances (wear and tear, etc.), he is entitled to ask for more specific particulars of business and private use, and to arrive at the fractional charge and allowance by reference to business and total mileages in each year. Furthermore, it is possible for errors and omissions to be rectified at any time within six years after the end of the year of assessment concerned and, if the later information is considered to be correct, he may seek to raise additional assessments. If there are, of course, grounds for it, an appeal could certainly be lodged with the commissioners, but on the basis of the details you have given there would, on the face of it, not appear to be much point for dispute. If you wish, you may ask for each year to be considered separately.

I have been offered a partnership in a pharmacy, but one of the conditions advanced concerns my agreement to continue the business on the old basis of assessment. Would you explain what that really means, and what disadvantages may be involved?

As far as tax assessment is concerned, a change in partners (or the admission of a partner to a sole-trader business or his departure from it) is treated as the termination of one business and the commencement of a new one. However, all the partners before and after the change (or their personal representatives in the case of a death) may agree, by giving notice in writing to the inspector of taxes within twelve months of the change, that they wish him to treat the business as if no change had in fact taken place. That may be of advantage to the partnership, though an individual partner may be worse off and in some circumstances the other partner(s) may be prepared to put right any disadvantage that partner suffers. In your own case you would, on a continuing basis, be responsible for a

share of the tax based on the profits of the previous as well as the current financial year, according to the date of your entry into the partnership.

Is it proposed in the new budget that the marriage allowance and child allowances should be added to the basic minimum of £2,100 to arrive at surtax liability? It is understood that those new allowances will apply to the surtax due to be paid this year. Would that mean the tax due in January 1958?

THE Budget does not amend the exemption minimum of £2,000 for single persons but raises the starting-point for

surtax for a married couple by £100 to £2,100. If there are any children an addition is made to the exemption limit of whatever child allowances are obtained for income-tax purposes by reason of the child's age (as now also proposed in the Budget). Housekeeper and dependent relative allowances may also raise the exemption minimum. The allowances referred to apply to surtax due to be paid in the present tax year and, as that is due on January 1, 1958, for the previous tax year, surtax on taxable income in the year 1955-56 is affected, but only the former child allowances granted for that year would be taken note of for surtax purposes also.

1957 SUPPLEMENT TO THE B.P.C.

T. D. WHITTET, B.Sc., F.P.S., F.R.I.C., D.B.A.

(Chief pharmacist and lecturer in pharmacy, University College Hospital, London)

ONCE again the publication of a Supplement to the British Pharmaceutical Codex marks the midway stage between the quinquennial publications of the main book. The increasing rate of production of new drugs is shown by the fact that no fewer than thirty-four general monographs are added, apart from the ten which appear because of their inclusion in the 1955 Addendum to the British Pharmacopoeia.

Among the new antibiotics are erythromycin, polymyxin B sulphate and tetracycline hydrochloride. Erythromycin is already familiar to pharmacists as a drug with a range of antibacterial action similar to that of penicillin. The monograph contains the excellent advice that that antibiotic should be restricted to use against penicillin-resistant strains of organisms or in patients sensitive to penicillin. If that advice is heeded the usefulness of the drug is less likely to be diminished by the emergence of erythromycin-resistant strains. Tetracycline (Achromycin or Tetracycyn) is closely related to chlortetracycline (Aureomycin) and oxytetracycline (Terramycin) which are already well known. Polymyxin B sulphate, originally introduced as Aerosporin, is of especial interest as being one of the few antibiotics since penicillin discovered in this country and also because one of its discoverers was the pharmacist, Dr. G. Brownlee. It is mainly used by topical application in ointments or as drops in aural infections. It is practically unabsorbed after oral administration but may be given by that route to treat intestinal infections. By intramuscular injection it may be used for the treatment of systemic or urinary tract infections by several Gram-negative organisms resistant to the other antibiotics and by intrathecal injection for certain types of meningitis.

Two new penicillin preparations make their first appearance. Benzathine penicillin is already widely used for the oral administration of penicillin as the proprietary preparations Dibencil, Penidural and Permapen. When administered in aqueous suspension the compound has an action lasting several days. Such a preparation is available as Penidural L.A. Phenoxymethylpenicillin or penicillin V has a similar action to that of benzylpenicillin when given by mouth. It is much more resistant to inactivation by gastric juice and is more completely absorbed from the gastrointestinal tract than the older compound.

Antihistaminic drugs are well represented with five additions. Four of them are mainly used for motion sickness and related disorders. Two are already well established, dimenhydrinate (Dramamine) and promethazine chlorotheophyllinate. Two others, cyclizine hydrochloride (Marzine) and meclozine hydrochloride (Ancolan) are becoming popular for the same purpose. Chlorpheniramine maleate (Piriton), as well as being a powerful antihistaminic drug with few side effects, is used in a cough linctus.

The adrenal cortex hormone, hydrocortisone, and its acetate are now added, together with the delta-dehydro derivatives of cortisone and hydrocortisone, prednisone and prednisolone.

Two drugs related to morphine are added, levorphanol tartrate (Dromoran), an analgesic with properties similar to

those of morphine, and pholcodine, a central cough suppressant with a very low toxicity.

Several of the new drugs affect the blood pressure. Pento-linium tartrate (Ansolsyen) is a ganglion-blocking agent with a more prolonged action than that of hexamethonium and is used in the treatment of hypertension. Reserpine, as well as being used for that purpose, is also a sedative. Trimetaphan camphosulphonate (Arfonad) is also a more potent ganglion-blocking agent than hexamethonium but has a transient action and is used for controlled hypotension during surgery.

Methoxamine hydrochloride (Vasylox) is a synthetic sympathomimetic amine which can be used by injection to raise the blood pressure during operations or locally for the relief of nasal congestion.

Chlorpromazine hydrochloride (Largactil) is a drug with several actions, especially on the central nervous system. It is used as a sedative and to potentiate the action of hypnotics and analgesics. It is effective in preventing post-operative vomiting but is not as useful as some antihistaminic drugs for the prevention of motion sickness. Chlorpromazine has a powerful hypothermic and antipyretic action and is sometimes used along with promethazine and pethidine in the so-called "lytic cocktail" for the production of artificial hypothermia during anaesthesia. Another sedative and mildly hypnotic drug is methylpentynol (Oblivon or Somnesin).

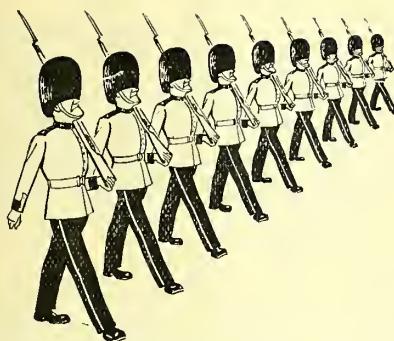
Other new drugs include the anthelmintic, piperazine, which is generally used as the adipate or citrate for the eradication of threadworms, and primaquine phosphate, an antimalarial. Acetazolamide (Diamox) is a drug which inhibits carbonic anhydrase. It is mainly used as a diuretic but can also be administered in the treatment of glaucoma and epilepsy. Sodium calcium edetate is a chelating agent which is useful for the treatment of lead poisoning. Cyclocymarol (Cumopyran) is an anticoagulant related to dicoumarol.

Two new biological drugs are hyaluronidase, an enzyme used to aid the absorption of injected drugs, and injection of protamine sulphate—a drug used to counteract the action of heparin.

Two substances introduced for pharmaceutical purposes are spearmint oil, a flavouring agent, and sulphan blue, a colouring agent.

New surgical dressings are absorbent gauze and lint made from rayon, and penicillin gauze dressing.

Many minor amendments are made to monographs and formulas. Dried aluminium hydroxide gel, aluminium sulphate and Fuller's earth are given more precise definitions, whilst borax has a new "action and uses" section, including a warning about possible toxic effects. Also, in view of the toxicity of boron compounds, the proportion of boric acid in dusting powders has been reduced to 5 per cent, and a labelling requirement indicating that such powders should not be applied to raw and weeping surfaces has been included. Dusting powder of zinc oxide and boric acid has been deleted and that title is now a synonym for compound dusting powder of zinc oxide. A formula containing no boric acid is dusting powder of zinc oxide, starch and talc.



TOUGH BUT CORRECT

**Protective eyewear for industrial workers
is nowadays fully corrected for defects
of vision**

EVER since a one-eyed worker lost his only remaining organ of sight in a works accident that might easily have been prevented, a good deal more attention has been paid by employers to eye protection among their workers. Indeed, they have been under some compulsion to do so by the statement of the judge in a compensation case that a special responsibility rests on an employer for any worker with special visual disabilities. Yet, from the employer's point of view, it is often expedient to provide eye protection even outside legal requirements and claim risks, since accidents involve lost time and consequently lost production.

Psychological Obstacles

From the worker's side psychological factors are involved. He is not always found to be so co-operative as his own comfort and well-being would be expected to make him. Safety eyewear for wearing over one's existing spectacles, for example, simply does not "catch on." What is demanded is something with all the safety characteristics of the protective goggle plus the corrected vision of spectacles produced to individual requirements after a sight-testing examination by a refractionist. Even that may not be enough if the resulting eyewear is regarded by the worker concerned as unsightly or uncomfortable.

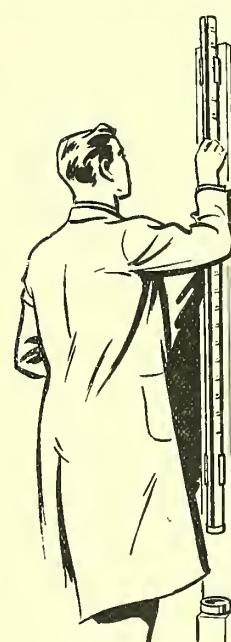
In combining the corrective element with the protective, practical problems are involved, but they have been successfully overcome. At the Clerkenwell Road, London, headquarters of J. & R. Fleming, Ltd., a long-established firm of manufacturing opticians with a rather younger safety eyewear department, the "know-how" of the two sections of the business has been pooled. Just as the sight-testing optician sends in details of the corrections necessary for his private or National Health Service patient, so he or a works optician provides corrective specification for the industrial worker. It does not follow that the same wearer needs exactly the same details of correction in safety eyewear as in ordinary spectacles. Adjustments may be necessary, especially with high refractive errors, if the protective lenses are to be worn at a different distance from the eyes than ordinary spectacles, or an adjustment may have to be made to provide the correct optical centres to suit the larger frames generally used for protective purposes.

The lenses for each type of spectacle are ground and shaped in precisely the same way, in accordance with the refractionist's specification, but for the corrective/protective type the lens undergoes a further process. It is taken to a furnace designed for its special optical purpose, put into a holding frame, passed back into the furnace, and subjected to a controlled temperature. After a set period, according to the lens prescription, the lens leaves the furnace and is exposed to very precise jets of air. Their effect is to harden the lens, which must be tested under polarised light to see that the heat treatment has been correctly

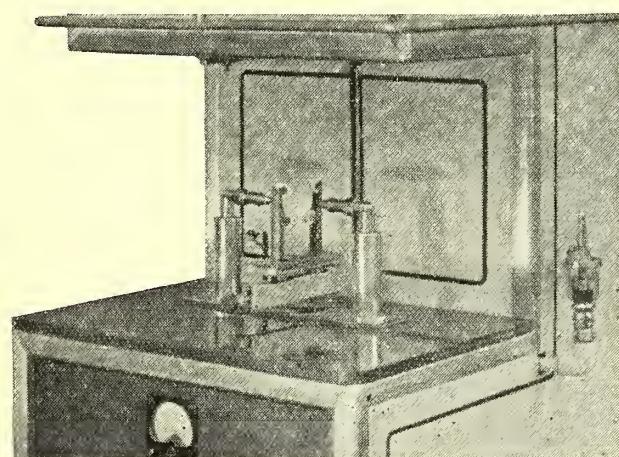
applied. A good lens reveals the characteristic Maltese cross shown at foot of first column.

Severe Tests

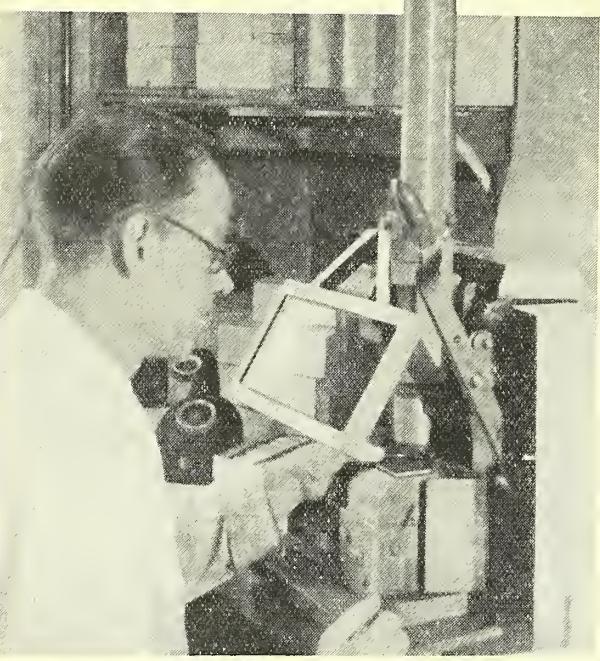
The annealed lens has still to be tested mechanically, and the test is severe. It is placed in a cup at the foot of a vertical tube 72 in. long into which may be inserted a steel ball $\frac{1}{4}$ in. in diameter (weight 44.4 gm. or 0.099 lb.). The ball is dropped on to each lens from a height of 72 in. That drop is well in excess of the British Standard test (B.S. 2092:1954), which requires only a 50-in. drop. The lens, having survived that drastic impact, which would have shattered untreated or even laminated glass, is obviously fit for the risks of the factory in which it will be worn. Thenceforth it goes under the company's trade mark Armorglas, and carries a certificate of £1,000 cover against eye injury. It is then, with its companion, ready for fitting into its frame. Even should the lenses receive in practice, for some exceptional reason, a more severe blow than that of the test, there is an additional safeguard, for the glass does not splinter but disintegrates into granules that usually remain in position, and anyway are not sharp to the touch thus lessening risk of damage to the eye itself. Toughened lenses, besides being essential for adequate protection of industrial workers, are clearly indicated for children, sportsmen, car drivers and others who may be open to special risks of spectacle breakage.



Drop test with 1/10-lb. steel ball. A proportion of the lenses receive drops from progressively increasing heights until breaking point is reached.



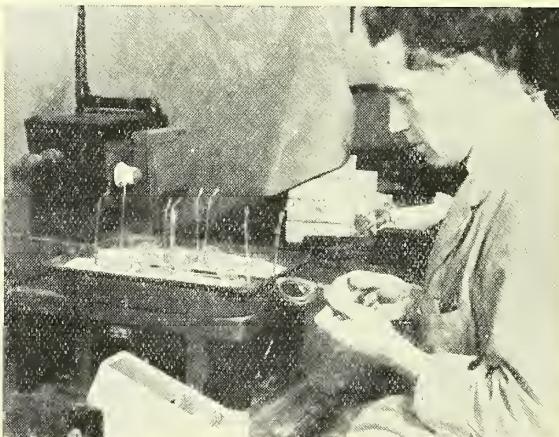
Machine on which the corrective protective lens is toughened.



Not every worker, of course, needs corrected lenses. For those who do not there are regular styles of goggles with "plano" glasses, and the plano glasses have been subjected to precisely the same toughening process and tests, though for quantity production they are toughened "four up." The test already described is applied to each glass, but one sample from every batch is taken a stage further: it is subjected to a series of drops with a 1/10-lb. ball, starting from 20 in. and increasing by 2-in. increments up to 80 in. (that is, well beyond the B.S. pass level) until it does get shattered under the strain. Its breaking point is recorded, with all other relevant particulars of the batch, and every "plano" goes out with a card bearing a code mark by which its case-history may be traced at any subsequent stage in its life.

Educating the Worker

Not every works in which risks to the eyes exist is yet taking advantage of corrective/protection eyewear, and some-



At left of page: Semi-automatic machine on which every lens is given the 3-in drop-ball test.

Upper right - hand: Screwing lenses into metal frames.

Lower right - hand: "Springing" lenses into plastic frames.

times the practising optician is able to carry out a little educative propaganda on a worker who comes to him for ordinary spectacles. The results of such judiciously placed hints will not be direct or immediate, but, if they seep back to the factory, they may result in all-round benefits—to the worker who gets the protection; to the management, which protects itself against injury claims and lost time; and to the optician, who is called upon to carry out the preliminary eye tests.

ECHOES OF THE PAST

TINCTURES FOR NEW YOUTH

From "A Short History of Social Life in England," by M. B. Synge, F.R.Hist.S. (Hodder & Stoughton, London, 1906).

Circa 1348–1399.

The famous medical schools at Salerno "supplied the fires from which the other nations lit their torches" during the eleventh, twelfth, and thirteenth centuries. Wounded Crusaders brought to England news of new methods and practice in the art of medicine and surgery; Franciscan and Dominican friars had given a fresh impetus to medical learning in this country, but Roger Bacon, the most learned Englishman of his day, devoted too much of his time to the creation of tinctures and elixirs for the renewal of youth. Indeed, all the mediæval doctors devoted much attention to this subject, which was of prior importance in these days. Here is one of their receipts:

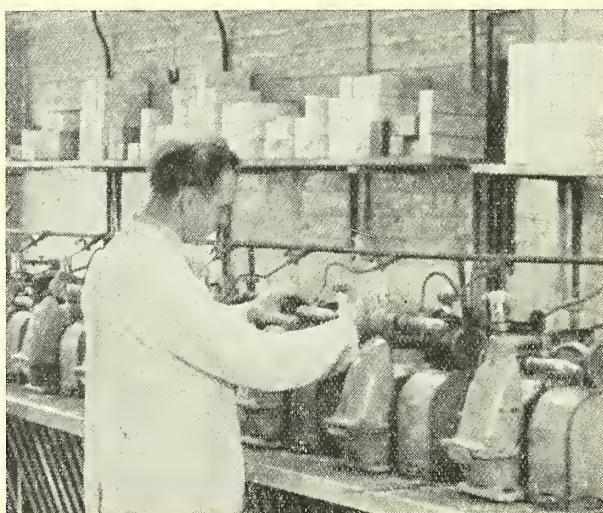
To make the hair golden, take of elder bark, flowers of broom, yolk of egg, and saffron, equal parts; boil them in water; skim off what floats on the surface and use as pomade.

And here is another:

A Marvellous Balsam:—Take thrice distilled turpentine, lignoaloes, ambergris, and musk, equal parts, rub them up to a liquid ointment and distil nine times. Used on the face it will preserve youth, heal all wounds, marvellously clear the eyes, and preserve the body from all forms of putrefaction.

The following hints to mediæval doctors show how little medical knowledge they really possessed:—

When called to a patient commend yourself to God and to the angel who guided Tobias. On the way learn as much as possible from the messenger, so that if you can discover nothing from the patient's pulse, you may still astonish him and gain his confidence by your knowledge of the case. On arrival, ask the friends whether the patient has confessed, for if you bid him do so after the examination it will frighten him. Then sit down, take a drink, and praise the beauty of the country or extol the liberality of the family. Next, proceed to feel his pulse.

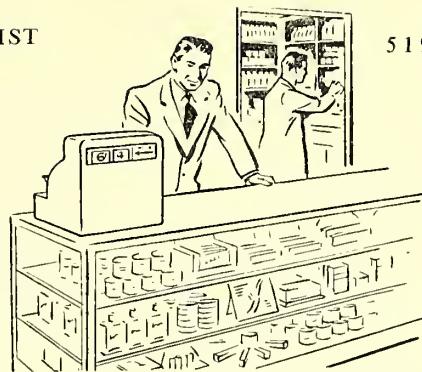


Edging the lens. The machine is essentially an abrasive lathe.

"OPEN SHOP"

AN UNSCRIPTED COMMENTARY ON THE
SPECIAL PROBLEMS OF THE PHARMACIST
IN RETAIL PRACTICE

E. C. TENNER



ACCORDING to a recently published reference dictionary, a gremlin is "a goblin accused of vexing airmen." After explaining that the word is derived from R.A.F. slang, the Concise Oxford Dictionary gives a much wider definition: "a mischievous sprite alleged to cause mishaps." I, for one, am now perfectly sure that gremlins have extended their field of operations to include all the affairs of the retail pharmacist. I shrink from making a careful record of the weekly amount that careless mistakes add to my already crushing overhead expenses. Errors on invoices, goods omitted from parcels or lost or broken in transit (and sometimes after arrival) all entail extra letter-writing and postage. Junior staff often, and senior staff sometimes, are bewitched by gremlins into lighthearted and thoughtless inaccuracy, so that the most carefully devised systems are rendered useless; goods are stored on the wrong shelf, figures are placed in the wrong column, cheques for A and B are transposed into envelopes addressed to B and A respectively. Gremlins can also work against a pharmacist in such sacred precincts as his bank. Recently a routine payment was duplicated, and correspondence with the payee is still proceeding in order to straighten out the affair. Then there is the weekly consignment of National Insurance stamps which has been mislaid and probably whipped into the refuse bin; there will be rejoicing among the gremlins over the resulting extended negotiations with the Ministry. One can also suffer from a species of gremlin whose habitat is the waiting room and surgery of any medical practitioner. Those specialise in putting mistaken ideas about their prescriptions into patients' heads and in causing the absence of essential details from the prescriptions themselves. The work of those gremlins causes much expenditure of time, temper, telephone calls and postages on prescriptions returned for endorsement. That reminds me of the plainly written prescription for "kaolin 3vi" returned to a friend of mine by the Pricing Office: "Please state what was supplied." So they have them there too!

It is quite certain that gremlins can bedevil one's work only while one is suffering a lapse into carelessness. Is there any cure for carelessness? I have thought a good deal about this and have come to the conclusion that one of the prime objects of education should be to develop in the individual the capacity and the desire for taking pains. Whenever I have found a worker who has that capacity and desire I have found an employee whose work only rarely suffers from the attentions of gremlins.

That brings me, by way of education policy, to the annual election of seven members of the Council of the Pharmaceutical Society. This year each of the seven retiring members offers himself for re-election among twelve candidates altogether. Undoubtedly again this year seven Councillors will be elected by the votes of a minority of the members. They should be deeply conscious of that fact and should set about taking the one step which can, overnight, eliminate the apathy that destroys the soul of the Society. Councillors should not rest until each month a "Hansard"-like report of the Council proceedings in the pharmaceutical Press replaces the present lifeless "handouts" which never give the interested and inquiring reader a proper idea of the matter discussed, its pros and cons or who is for and who against it.

The cloak of secrecy hides the words and deeds of Councillors from the critical eyes of the electorate of members. The annual voting paper is not returned because it would be too much a matter of voting for "pigs in a poke" to appeal to the majority of intelligent voters who do not happen to have other first-hand information about the candidates. The cloak of secrecy eventually gives its wearers the habit of concealing their opinions under clouds of meaningless platitudes. The Society attempts to enlighten us by publishing "the material details of the career of each candidate, together with a statement of policy supplied by the candidate." It is fair to assume that "policy" in this context means "a course of action advocated by the candidate," yet it is only a very few indeed who dare to assert a definite opinion about how to deal with any of the problems which they yet aver they understand full well!

All the same, if one looks closely one can find one or two small points of minor policy timidly and generally vaguely put forward. One candidate hints at a "personality" test for pharmacists, another insists on a two-year apprenticeship. One asks for a "strengthening of the branch system so that local vigilance and opinion could be exercised." Another says "it is high time that the registration of premises should be under a more strict control even if that entails new legislation."

On the negative side there are praiseworthy expressions of opposition "to any scheme for registration or recognition of the unqualified by the Society" and to "the tendency of legislation to weaken the control over the sale of drugs and medicines" or the overloading of the examination syllabus. Unhappily the statements include the usual spate of windy assurances: "My endeavour will be to protect the interests of all sections of pharmacy, especially retail practice (in which I have been actively engaged all my life), and I can claim up-to-the-minute knowledge of the problems and difficulties that are encountered." ". . . it has always been my aim to improve the professional and economic interests of pharmacists . . ." "What is the use of making a lot of specious promises? I am not doing that . . . all I can do is to promise of my best in your and my own interests." ". . . I will devote my time to the development of our calling as an essential public service with its rightful place in the national scheme of things and promise to work diligently in the interests of all pharmacists." "I can claim that I stand for pharmacy for the pharmacist." "I am quite sure that adequate progress can be maintained . . . if we proceed with circumspection and refuse to be hustled along by people with purely academic interests." All those assurances mean just nothing at all unless the authors carefully define what they mean by such phrases and words as "professional and economic interests of pharmacists" or "the rightful place of pharmacy in the national scheme of things," etc.

As I see it, the tragedy of this election is that none of the candidates, not even those who have already had years of Council experience, has stated to what ultimate objective they would lead the Society. The fundamental ideal of the pharmacist as the manufacturer and distributor of recommended medicines has not yet been fully grasped. Until it is, our Councillors will be leading us round in diminishing circles.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

FINANCIAL STATEMENT FOR 1956

Treasurer forecasts lean years to come

THE Pharmaceutical Society's basic income—statutory fees—was inadequate to its needs and the General Fund would assuredly run into difficulties, said MR. W. S. HOWELLS (the Society's treasurer) in presenting his financial statement for 1956 at a meeting of the Council held April 30 and May 1. That was a matter to which the Council must of necessity give close attention in the near future. Although the Society had substantial assets in all its funds, he was not satisfied with the position of the revenue account. For the past two years there had been a deficit and although in the next two years the revenue from the Extra Pharmacopœia Volume I and the British Pharmaceutical Codex might be expected to restore the position of the account, that must not be allowed to disguise the fact that several lean years would follow. The accounts for 1956 showed a smaller income from the statutory fees. The income from that source was not increasing with the rise in expenditure. That was due to inflated prices, and indeed, income was not even maintaining the same level.

Lower Income from Publications

Calling attention to the main features of the accounts, he said that the income of the General Fund, £218,966, was £32,868 less than in 1955, and its expenditure (£224,299) was £29,481 less, the deficit being £5,333 in 1956 against £1,946 in the previous year. The fall in income was due almost entirely to the publication account, the only large publication issued having been the Extra Pharmacopœia Volume II of September 1955, from which the 1956 figures also benefited. The fact that it was several years since publication of new editions of the larger scientific publications also accounted for a corresponding drop in expenditure. £6,565 was also saved because there were no items comparable to the 1955 donation to the International Pharmaceutical Federation congress and the cost of the new constitution reception. Publications and the incidence of publication dates greatly affected the position of the General Fund account, and he pointed out that the Society's official journal, which cost £4,456 in 1956 against £14,372 in 1955, had been a great help in reducing the size of the deficit. The *Journal of Pharmacy and Pharmacology* cost £2,732, against £2,105, and expenditure on the British Pharmaceutical Codex was £7,849, with income at £6,143. A new edition of the latter work was due in 1959, and the department was engaged on the preparatory work, although sales of the previous edition were continuing. A new Extra Pharmacopœia Volume I would appear at the end of 1957 or early in 1958. In 1956 expenditure under that head was £13,616 and income £10,842. Sales of the British Veterinary Codex were £1,048, and expenditure £765. Miscellaneous publications showed a surplus of £612, so that altogether publications cost £10,223 in 1956, against a surplus of £2,818 in 1955, a difference of £13,041.

Examination costs were up by £1,987, and income down by £231. The Council had now raised the fees, and that gap should be reduced in the current year. Library expenditure was £395 more, museum £152 less, and miscellaneous educational expenditure £3,641 less. The law and registration department cost £2,257 more, organisation £1,082 more, mainly the expenses of Branch Representatives, and the Scottish Department £115 more, rises in most of its costs having been offset by a reduction of £428 on maintenance and repairs. Savings on the same items made the cost of headquarters premises £1,177 less. Administration showed a rise of £1,241, represented by small increases in most items. Under the head of income, members' fees were less by £52, premises fees by £152 and students' fees by £311, against which interest, because of high rates, increased by

a further £915. Excluding publications, the expenditure was £10,027 less and the income £373 less, improving the balance by £9,654, but as the publications balance was less favourable by £13,041 the deficit of the General Fund rose.

The Society's other funds showed few important changes. The Premises Fund received £13,364 in interest earned, but payments from it for improvements and alterations to the headquarters building became necessary when the School of Pharmacy vacated part of that building, as well as when the termination of the leases of two outlying buildings became pending. The alterations enabled some departments to be rehoused in more modern offices and reorganised to make for greater efficiency. The Parliamentary Fund received rather more in subscriptions than in 1955, and now amounted to £5,072. The Benevolent Fund received £971 more and spent £735 less, the total expenditure being £14,407, including £2,000 transferred to the Birdsgrove House Fund. That latter amount could be comfortably taken out of current revenue. The Birdsgrove House and the Orphan Funds were also well supported during the year, and it was pleasing to note that in all three of those funds the subscriptions and donations of members showed an advance on the previous year. The Emergency Fund appeal, made towards the end of the year to enable support to be given to pharmacist refugees from Hungary, had brought subscriptions, so far as the present accounts were concerned, of £465.

Dealing with the balance sheets, the treasurer said that the book value of the Society's assets had increased by about £6,797. That included legacies to the Benevolent and Birdsgrove House Funds amounting to £1,252. Those were welcome as helping to offset the loss of income through the deaths of subscribers. The most notable feature, however, was the fall in the market value of Stock Exchange investments. In the aggregate that amounted to about £88,369, of which £76,259 applied to the Premises Fund. That fund and the War Aid Fund, however, were the only ones that would need to be realised, the other investments being held for interest only. In the War Aid Fund the investment was due for redemption not later than 1961 and the balance at the bank was more than seven times the amount drawn from the fund in the previous year. In the Premises Fund the stocks were all comparatively short-dated, and it might not be necessary to realise them before the date of redemption. In the meantime the Council had taken advantage of the high interest rates paid on liquid funds, and considerable sums had been invested in Treasury Bills which, beside yielding a good return, left the Council with considerable liquid resources available without loss, should they be needed. About £140,000 of the Society's funds was invested in that type of security. The Society's investments other than stocks and shares, freehold property and ground rents having a book value of £125,896, were in the aggregate much undervalued.

Status for Associateship

The Education Committee reported the receipt of a letter from Glasgow Royal College of Science and Technology stating that the governors' committee on the School of Pharmacy of the College had approved the extension of the length of the course in the School for the Pharmaceutical Chemist Qualifying examination from two years to three years. The governors proposed to award an Associateship of the College in Pharmacy and asked the Society to grant the same recognition to the Associateship as was now awarded to the degree in pharmacy of the University of Glasgow. It was agreed to obtain the views of the Executive of the Scottish Department on those proposals.

Examination Regulations

Orders of the Privy Council were received approving new regulations effecting changes in the fees payable for the Society's examinations, in the requirements for registration as "student" and for the entrance examination. The new regulations provide for the following changes in examination fees:—*Intermediate examination*: All subjects, from £6 6s. to £9 9s.; single subjects, from £4 4s. to £3 3s., in each case whether for first or re-entry. *Pharmaceutical Chemist Qualifying examination*: All subjects, from £12 12s. to £15 15s., for first or re-entry; re-entry for two subjects, £6 6s. to £10 10s.

Overseas Graduates in Pharmacy

The possibility of concessions in examination regulations for applicants who had graduated in pharmacy overseas was considered by the Education Committee. It was agreed that such an applicant should be exempted from the Society's Intermediate examination and permitted to enter for the Pharmaceutical Chemist Qualifying examination without being required to undergo any further course of study, but that before receiving a certificate entitling him to registration the applicant should satisfy the Council in respect of practical training.

Pharmacists and National Service

The Public Services Committee considered a letter received from the National Pharmaceutical Union stating that the Executive and the Central National Health Service (Chemist Contractors) Committee had given consideration to possible changes in the requirements for National Service, and asking the Council to consider the possibility of securing the exemption of pharmacists from any new scheme. The Council approved the Committee's recommendation that representations should be made to the Ministry of Labour and National Service, asking for the position of pharmacists to be specially considered in any new scheme that might be instituted.

Benevolent Fund and War Aid Committee

The Benevolent Fund and War Aid Committee's report recommended that grants amounting to £283 should be made to two widows and a member. One application was deferred, and in two cases no grant was made. Grants amounting to £195 plus £50 for special purposes were made to six beneficiaries from the Orphan Fund. The Committee approved the payment of £7 from the Benevolent Fund to beneficiaries whose grants expired during April. In one case a grant of £156 was made from the War Aid Fund to meet a need.

Birdsgrove House

THE SECRETARY reported that the Scunthorpe Branch had collected about £50 with which they wished to purchase a gift for Birdsgrove House; that the Denbighshire and Flintshire Pharmaceutical Committee had made a further contribution of £15 15s. towards the furnishing of the North Wales room; and that the Lancaster, Morecambe District and Westmorland Branch had agreed to the Committee's suggestion that their gift should be a writing desk. In the month to April 16 there were thirty-four guests at the convalescent home for an aggregate of forty-two weeks, against forty-two guests and fifty-nine weeks in the corresponding period of 1956. Between January 17 and April 16 the average number of guests sleeping at the home in midweek was seven.

Fellowship and Honorary Fellowship By-laws

In accordance with the by-laws the Council considered the proposal to alter the by-laws relating to fellowship and honorary fellowship (*C. & D.*, February 16, p. 178) and decided to confirm the proposal and make the alterations contained therein. The alterations would be submitted to the Privy Council for confirmation and approval.

Diploma in Biochemical Analysis

On the recommendation of the Education Committee, authority was given for the sealing of diplomas to be awarded to fourteen persons who passed the examination for the Diploma in Biochemical Analysis that was held in April 1957.

The Registers

It was reported that in April twenty-three persons had been registered as "student," making a total of 168 in the current year, against 151 in the corresponding period of 1956. Two former members had had their names restored to the Register and the Council approved recommendations for the restoration of two names that were removed more than ten years ago. Recommendations were also approved for the registration under reciprocity arrangements of eight applicants who sought admission under Section XIX (16) of the Society's by-laws.

Law Committee

The Committee's report stated that in March 1957 the Society's inspectors and agents visited 1,518 authorised sellers, 418 listed sellers, and 549 drug-store proprietors and similar traders. Eight cases of alleged infringements of the Pharmacy Acts were considered, and appropriate action was taken.

Welcome to New Member

THE PRESIDENT (Mr. Granville Shaw) extended a welcome to Dr. Lane-Petter, nominated as a member of Council by the Privy Council, on his first appearance at the Council. They all hoped, he said, that he would find his new appointment both congenial and satisfying. The Council elected Dr. J. A. Giles an honorary member of the Society. (Dr. Giles, formerly a member of Council as a Privy Council nominee, retired in December 1956 on health grounds.)

NEW BOOKS

The Trade in Natural Rubber

F. R. HORRIDGE. *Purchasing Officers Association*, Wardrobe Court, 146A Queen Victoria Street, London, E.C.4. 9 x 6 in. Pp. 24. 3s.

His many years' experience in the Singapore rubber market followed by twenty years in the London market have enabled the author to compile a booklet which is of interest to all concerned with natural rubber. It covers all stages in the industry from plantation to user, and is probably the only work of its type which gives a clear and complete account of the rubber market and its operations.

Experimental Physical Chemistry

PROFESSORS FARRINGTON DANIELS, JOSEPH H. MATHEWS, JOHN W. WILLIAMS, PAUL BENDER AND ROBERT A. ALBERTY (Wisconsin University). *McGraw-Hill Publishing Co., Ltd.*, 95 Farringdon Street, London, E.C.4. 9 x 6 in. Pp. 482, Fifth edition, 49s.

In this edition, as in the four previous, an attempt is made to keep pace with the new developments in physical chemistry. The first part of the book describes experiments to be performed; the second part, apparatus and techniques. Each experiment is defined, the theory behind it discussed, the apparatus listed, procedure outlined and calculations described. Finally the practical applications are mentioned and suggestions for further work made. A bibliography is provided at the end of each experiment. The first part of the book ends with a chapter on general experimental techniques in which experiments in glass-blowing; in the use of high vacuum; and in simple electronics are described. The second part of the book begins with a chapter on the treatment of experimental data in which errors of measurement, significant figures, and representation of data are discussed. Among the apparatus described in part two of the book are the electron microscope and instruments for the detection and measuring of radioactivity.

TRADE WITH BRAZIL

Import policy revised

BRAZIL has introduced a new system of minimum premiums, payable for exchange certificates sold at auction. Instead of the fixed minima, in force since March 1955, variable premiums for imports payable in any currency are calculated weekly by the Bank of Brazil on the basis of 80 per cent. of the mean premiums paid for U.S. dollars at auctions during the preceding week. The considerable difference in favour of imports to be paid for in weak currencies and in convention dollars, namely from countries having bilateral trade agreements with Brazil, is thereby eliminated.

The new minimum premiums in cruzeiros per U.S. dollar, as applied at the end of March, are given below, together with the former fixed minima for purposes of comparison.

Import Category	New Minima	Old Minima
1	29·00	25·00
2	47·00	30·00
3	73·00	35·00
4	107·00	40·00
5	231·00	100·00

The objects of the new measure are to increase imports from certain zones, including U.K.; to induce other countries to adhere to the Hague Club

and to restrict triangular deals through countries with bilateral trade agreements. These cost Brazil U.S. \$50 millions in 1956.

In January 1957, under the old system, the premium paid for Category 1, 2 and 3 imports, which include practically all chemical and pharmaceutical products and represent 91 per cent. of the total exchange auctioned, averaged 57·63, 81·40 and 109·80 cruzeiros in the case of U.S. dollars. Consequently, imports have been increasingly switched from the strong to the weak currency areas, depleting the dollar reserves and accumulating balances in unwanted weak currencies.

Revised Classification of Imports

Instruction No. 145 transfers to Category 1 (the most favoured class), a long list of chemical and pharmaceutical products, including acid and ether compounds, bromides, tartarates, calcium chloride, phenols, benzylpenicillin, etc.; dental preparations, rubber corks for serum containers, materials for blood transfusion, glass objects and apparatus for laboratories, medicines, dental and veterinary products.

The following materials are now exempt from payment of import duties

and customs charges: machinery, instruments, accessories, moulds and parts; also, the following chemical products: chlorate of ammonia, magnesium, manganese, mercury, zinc, manganese dioxide, carbon black, paraffin, refined and unrefined, active carbons, several synthetic and natural resins.

Acetylsalicylic acid made by a manufacturer in São Paulo has been declared similar in price and quality to that of foreign origin and its import is forbidden if local production is adequate to fill market needs.

New capital issues in the Brazilian chemical and pharmaceutical industries totalled 5,263,600,000 cruzeiros (£29,797,000 at present free rates) in 1956, as against 2,451,500,000 in 1955.

OVERSEAS VISIT

MR. G. E. MANN, home sales manager, and MR. J. D. HEYWOOD, foreign sales manager, Parke, Davis & Co., Ltd., Hounslow, Middlesex, leave for the company's general offices and laboratories in Detroit, U.S.A., on May 14. They will be taking part in a series of conferences attended by more than twenty sales executives representing branches of Messrs. Parke, Davis throughout the world.

CONSERVING WATER AGAINST EVAPORATION

Applying a cetyl alcohol monolayer to store-water surfaces

IN many parts of the world, where winds and high sun temperatures remove much of the annual rainfall before it can be used, the evaporation of enormous quantities of water is a serious problem. The Commonwealth Scientific and Industrial Research Organisation in Australia has evolved two methods of solving the problem. Both depend on the fact that cetyl alcohol spreads an invisible monolayer on the surface of the water, thus reducing evaporation. Oxygen and rain get through this film, which has no effect on aquatic life, or on animals which drink the treated water. The first method, for large reservoirs of the type maintained by municipal authorities, uses flakes of cetyl alcohol dissolved in a solvent and released in a series of small drops below the surface of the water. The drops rise to the top, where the solvent evaporates in the heat of the sun, leaving the film, which is blown across the water by the wind until the whole surface is covered. The other method, known as the Mansfield process, is for dams or tanks up to two acres in area. The film is not indestructible. It can be damaged by some kinds of dust blown across the water, or ruptured by large waves. To be effective the film must be kept intact. It automatically heals itself provided there is a supply of cetyl alcohol in the water to act as a reservoir. In the Mansfield process the film is kept in place by enclosing about 2 lb. of hexadecanol in a raft on the water. To operate it the requirements are a suitable raft for the material and a supply

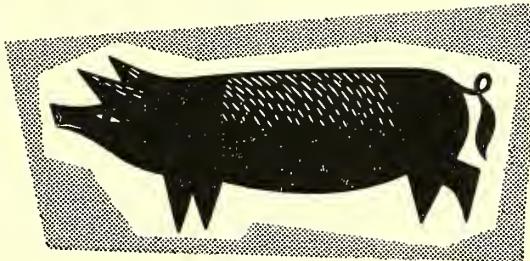
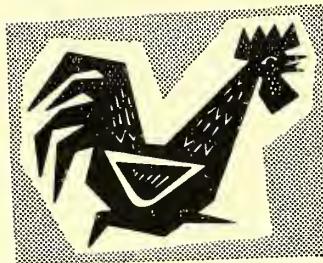


VISIBLE EFFECTS OF CETYL ALCOHOL ON WATER SURFACE: A band of cetyl alcohol in solution has been poured on to the surface of a tank at the Bromborough Pool works of Prices (Bromborough), Ltd., shown in the illustration. The film, which at once begins to spread down wind, is detected by the smoothing-out of the surface ripples. It ends in complete coverage of the water with a hexadecanol layer less than one-millionth of a millimeter thick.

of high-grade cetyl alcohol (hexadecanol) in the form of beads 2-4 mm. in diameter. The technique of producing the beads was worked out by one of the principal manufacturers of cetyl alcohol: Prices (Bromborough), Ltd., Bromborough, Ches. The process, now subject to patent applications throughout the world, consists of forcing liquid hexadecanol through an aperture so that it forms a liquid jet. When subjected to sonic vibration, the jet sepa-

rates into liquid particles, which solidify as they travel through the air and are collected as beads of uniform size, and are used in that form.

The C.S.I.R.O. recommends the Mansfield process for conserving water in small dams, and protects users by awarding a certification mark Si-ro-seal to manufacturers who meet the Organisation's specification for the material. To date, Messrs. Price have gained the only Si-ro-seal for hexadecanol.

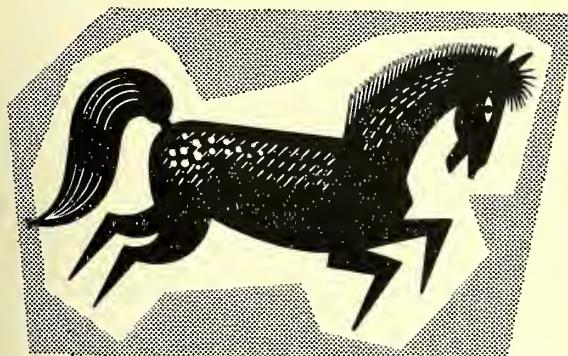


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TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, MAY 8: General shortages continued in the CRUDE DRUGS market with prices, on the whole, fairly steady. As last week, however, Jamaican GINGER proved an exception by continuing to rise sharply; increased demands from both Britain and the United States found fewer sellers, and the spot value ended 100s. per cwt. higher on the week.

Almost all spot STYRAX was cleared and, since it was difficult to obtain replacements from origin at a satisfactory price level, the small quantity remaining in the hands of sellers was at a premium. TONQUIN BEANS were cleared at around 10s. 6d. per lb. and the market is again bare. Trading in HONEY continued quiet and in the absence of Continental demand holders have dropped most of their grades by 10s. to 15s. per cwt. MENTHOL was easier, Chinese being down one shilling and Brazilian down sixpence per lb. There was no improvement in the IPECACUANHA position, the only source for shipment being Brazil. TOLU BAL-SAM (genuine as imported) was another commodity in short supply, holders asking 27s. 6d. per lb., against 26s. previously.

Imported *p*-AMINOSALICYLIC ACID was dearer by about one shilling per lb., otherwise PHARMACEUTICAL CHEMICALS were unchanged.

The few price changes that occurred in ESSENTIAL OILS were almost all in a downward direction, but lower prices failed to stimulate demand. Chinese ANISE was three-halfpence per lb. lower at origin. CITRONELLA from various sources was down by twopence to threepence per lb., and Chinese PEPPERMINT and Madagascar CLOVE LEAF by threepence. Brazilian Bois de ROSE was sixpence per lb. lower on the spot, with shipment unchanged at 25s. per lb.

CASTOR OIL. — B.P. was marked up £4 per ton.

Pharmaceutical Chemicals

ADRENALINE. — Rates for synthetic B.P. are from 1s. 1d. (500-gm. lots) to 1s. 6d. (10-gm.) per gm. and ACID TARTRATE, B.P., from 9d. to 1s.

AMIDOPYRIN.—Minimum rate is 23s. 11d. per lb. with usual differentials for small lots.

p-AMINOSALICYLIC ACID. — The SODIUM salt is about 24s. 9d. per kilo, minimum terms.

AMMONIUM ACETATE. — 1-cwt. lots of P.C. are quoted at 3s. 9d. per lb.

AMMONIUM BICARBONATE. — The B.P. powder is £50 5s. per ton; CARBONATE is 81 10s. for lump and £85 10s. for powder, delivered terms.

AMMONIUM CHLORIDE, B.P. — Makers quote 1-cwt. lots at 68s.

AMYLOBARBITONE. — B.P.C. is 82s. 6d. per kilo for 50-kilo lots and SODIUM, P.C., 92s. 6d. per kilo.

BARBITONE. — Rate for 50-kilo lots is 1s. 9d. per kilo. The SODIUM derivative 46s. per kilo.

BRUCINE.—ALKALOID in 100-oz. lots is 1s. 8d. per oz. and NITRATE and SULPHATE, 5d. per oz.

BUTORIBARBITONE. — B.P.C. is 95s. per lb. in 50-kilo lots.

CALCIUM CHLORIDE. — B.P. crystals are 3½d. and granulated, 10½d. per lb. in 50-kilo lots.

CALCIUM SUCCINATE. — Quotations are from 10s. 6d. to 12s. 6d. per lb., as to quantity. SUCCINIC ACID is from 10s. 6d. to 12s. 3d. per lb.

CARMINE.—Price is from 140s. to 150s. per lb. as to quantity.

COCAINE.—For 16-oz. lots the price of the HYDROCHLORIDE is 91s. 6d. per oz. and ALKALOID, 101s. Subject to D.D.A. regulations.

CYCLOBARBITONE. — B.P.C. and CALCIUM SALT in 50-kilo lots are 80s. per kilo.

EMETINE.—Price for 32-oz. lots of the HYDROCHLORIDE is 245s. per oz. The BIS-MUTH IODIDE is 115s. per oz.

ERGOTOXINE ETHANESULPHONATE. — Price per gm. for B.P.C. (1949) is: 1 gm., 168s. 9d.; 10 gm., 155s. 3d.

HEXOBARBITONE. — In 50-kilo lots the price is 110s. per kilo.

IODIDES. — Current quotations (per lb.) include the following:—

	28-lb.	1-cwt.	5-cwt.
	s. d.	s. d.	s. d.
POTASSIUM ..	10 3	9 9	9 4
SODIUM ..	14 1	13 2	12 9

IODINE.—Resublimed is 13s. 5d. per lb. in 1-cwt. lots, or 12s. 11d. in 5-cwt. lots. Minimum delivered rate for CRUDE is unchanged at 17s. 4d. per kilo.

IDOFORM.—Powder is 22s. 11d. per lb. in 28-lb. lots; 22s. 3d. in 1-cwt. and 21s. 8d. in 5-cwt. lots. Crystals are 3s. per lb. more than the powder.

LACTOSE.—English, in 1-ton lots packed in 1-cwt. paper-lined sacks, is £129 10s. per ton, delivered in the United Kingdom.

LEAD ACETATE.—B.P. crystals are 200s. per cwt., and technical, 180s.

MAGNESIUM HYDROXIDE.—Makers' prices for B.P.C. are, 1-cwt. lots, 3s. 5d. per lb. and 1-ton, 3s. 2d. per lb.

MAGNESIUM SULPHATE.—Quotations for B.P. in minimum 1-ton lots vary between £17 10s. and £21 per ton according to size of crystal and manufacturer. Exsiccated is £42 per ton. All ex works.

METHADONE HYDROCHLORIDE. — Price is from 2s. to 2s. 6d. per gm. as to quantity. Subject to D.D.A. regulations.

METHYL PHENOBARBITONE.—B.P. is 85s. per kilo in 50-kilo lots.

OPIATES.—Home trade prices (per oz.) are as follows:—

	35 oz. and over	Under* 35 oz.
	s. d.	s. d.
CODEINE		
PHOSPHATE ..	38 3	39 3
HYDROCHLORIDE ..	44 0	45 3
SULPHATE ..	44 0	45 3
ALKALOID ..	50 9	52 0
MORPHINE		
ACETATE ..	43 6	44 9
HYDROCHLORIDE ..	43 6	44 9
SULPHATE ..	43 6	44 9
TARTRATE ..	52 9	54 3
ALKALOID ..	52 9	54 3
ETHYLMORPHINE		
HYDROCHLORIDE ..	46 9	48 0
ALKALOID ..	54 9	56 0
DIAMORPHINE		
HYDROCHLORIDE ..	47 3	48 6
ALKALOID ..	52 0	53 3

Subject to D.D.A. Regulations.

*Containers below 35 oz. 1s. 6d. per container.

OXALIC ACID.—Manufacturers' rates for 1-ton lots are from £129 per ton, delivered.

PAPAVERINE. — Synthetic HYDROCHLORIDE is 250s. per kilo.

PETHIDIENE HYDROCHLORIDE. — B.P. 100-gm. lots are now quoted at 100s. Subject to D.D.A. Regulations.

PHENACETIN. — In 5-cwt. lots makers' price is now 6s. 8d. per lb.; 1-cwt., 6s. 9d.

PHENAZONE. — Imported material minimum rate, 14s. 8½d. per lb.

PHENOBARBITONE. — 50-kilo lots are 42s. 9d. per kilo and SODIUM, 46s.

POTASSIUM BROMATE.—In 5-cwt. lots the price is 5s. 3d. per lb.

POTASSIUM HYDROXIDE.—B.P. sticks are from 6s. 6d. per lb.; technical, flake, 1s. 4d.

POTASSIUM 8-HYDROXYQUINOLINE SULPHATE.—1 kilo is 47s. 1d. and 50 kilos, 44s. per kilo.

PROCAINE HYDROCHLORIDE. — 1-cwt. lots are 30s. per lb.

SODIUM BROMATE.—1-cwt. lots are quoted at 9s. 9d. per lb.

SODIUM CARBONATE. — B.P. exsiccated is 60s. 6d. per cwt.

SODIUM CHLORIDE. — Re-crystallised is 30s. per cwt.

SODIUM PERBORATE. — Prices (per cwt.) are 145s. 9d. in 1-cwt. kegs; 138s. 3d. in 1-cwt. bags for B.P.C. (minimum 10 per cent. available oxygen). Other strengths *pro rata*. The PERBORATE MONOHYDRATE testing 15 per cent. available oxygen is 309s. 9d. per cwt.

SODIUM SULPHATE. — Makers' prices for B.P. range from £11 10s. to £18 17s. 6d. per ton as to crystal and quantity, ex works.

STRYCHNINE. — ALKALOID, 6s.; HYDROCHLORIDE, 5s. 10d.; SULPHATE, 5s.

SULPHACETAMIDE. — Quotations (per lb.) for 1-cwt. lots are 24s. 6d. The SODIUM DERIVATIVE is 30s.

SULPHAGUANIDINE.—Manufacturers' rates for 1-cwt. lots are about 14s. 6d. per lb.

SULPHANILAMIDE.—Manufacturers' rates are from 7s. per lb.

SULPHATHIAZOLE. — Price (per lb.) for 1-cwt. lots is 16s. 6d.

Crude Drugs

ACONITE. — Spot supplies of Spanish *napellus* are 3s. 3d. per lb., duty paid.

AGAR.—*Kobé* is 12s. 6d. per lb., duty paid. May shipment, 11s., c.i.f.

ALOES. — Cape prime for shipment is 320s. per cwt., c.i.f.; and spot, 340s. Curaçao for May shipment is quoted at from 390s. to 400s., c.i.f.

ANISEED (STAR). — Chinese is 160s. per cwt. on the spot.

ANTIMONY.—English 99·6 per cent. is £222 10s.; 99 per cent., £210 per ton.

BALSAMS.—Quotations (per lb.) are:— CANADA: Spot value 30s. COPAIBA. Para is from 7s. 9d. to 11s., duty paid. PERU, 10s., duty paid. TOLU (genuine as imported), 27s. 6d.; B.P., 17s. 6d., spot.

BENZOIN.—Sumatra block on the spot is from £25 to £30 per cwt. No. 1 for shipment is £23 5s., c.i.f. Almonds, 15s. per lb., c.i.f.

BUCHU. — New-crop on the spot is offered at 6s. 10d. per lb. and for shipment at 6s. 3d., c.i.f.

CAMPHOR. — B.P. POWDER is from 5s. 6d. per lb., duty paid. TABLETS, ¼-oz. are 5s. 9d., c.i.f. and 6s. in bond.

CAPSICUMS. — East African are from 120s. to 210s. per cwt. on the spot, as to quality.

CARDAMOMS. — Aleppy greens on the spot are 15s. per lb. and shipment, 13s. 9d., c.i.f. No. 1 seed, 21s. per lb.

CASCARA SAGRADA. — American 1955 peel is 345s. per cwt., duty paid, 1956 processed peel for prompt shipment, 295s., c.i.f. New-crop, July-August, 260s., c.i.f., quoted.

CASSIA BARK. — Whole on the spot is now quoted at 115s. per cwt., in bond, and broken, 105s. in bond. For shipment broken No. 1 is 97s. 6d., c.i.f., and whole, nominal for June-July.

CASSIA FRUIT. — *C. fistula* is offered at 87s. 6d. per cwt. on the spot.

CHERRY BARK. — Thin natural is from 1s. 10½d. per lb., duty paid, and rosed, 2s., on the spot.

CHILLIES.—Mombasa on the spot are 210s. per cwt., and 195s., c.i.f., for shipment.

CINNAMON.—Ceylon for shipment (c.i.f.) per lb., OOOO, 8s. 6d.; OOO, 8s. 3½d.; OO, 8s. 2d.; seconds, 6s. 4½d.; featherings, 2s. 8d.; quillings, 4s. 5d.; chips, 1s. 1d.

CLOVES. — Zanzibar on the spot are quoted at 3s. 7d. per lb. Shipment, 3s. 4d., c.i.f.

COCHINEAL. — Silver-grey Peruvian, 12s. 6d. per lb. Canary Isles black-brilliant, 28s.

COCILLANA.—Bark is 1s. 11d. per lb. on the spot.

DIGITALIS LEAF.—Purpurea is offered at 1s. 3d. per lb., c.i.f.

ERGOT. — Portuguese is 6s. per lb. c.i.f. for prompt shipment and 7s. 3d., spot. American, 7s. 3d., c.i.f. Bulgarian, 9s. 6d.; Hungarian defatted, 13s. 6d., spot.

GENTIAN. — Spot: French nominally 185s. per cwt.; Spanish, 165s.; Jugoslavian, 155s. to 165s. as to seller.

GINGER. — African on the spot is 190s. per cwt. and May-June shipment, 180s., c.i.f. (sellers). Jamaican No. 3 on the spot is 600s. (sellers); 560s. (buyers), and May-June shipment nominal. Cochin, 132s. 6d., c.i.f. and 140s. spot.

GUM ACACIA. — Kordofan cleaned sorts are 155s. per cwt. on the spot; afloat, 140s., c.i.f.

HONEY. — Quiet. Australian light-amber is 120s. to 125s. and medium-amber, 115s. to 120s. Argentine, 127s. 6d. to 132s. 6d.; Jamaican, 147s. 6d. to 152s. 6d., all per cwt., on the spot.

IPECACUANHA. — Short. Mato Grosso quoted at 48s. per lb., c.i.f., and 48s., spot. Panamanian, 52s. 6d., spot.

JALAP ROOT. — Mexican is from 5s. 6d. to 6s. 6d. per lb. on the spot, according to test.

KARAYA.—No. 1 gum on the spot is now quoted at 260s. per cwt. and No. 2 at 215s.

KOLA NUTS. — Jamaican are offered at about 8d. per lb., spot, and 6½d., c.i.f. African, 5½d.

LANOLIN. — ANHYDROUS, B.P., is from 175s. to 190s. per cwt. and HYDROUS, B.P., 150s. to 170s.

LOBELIA HERB. — Spot offers are from 5s. 9d. to 6s. 6d. per lb.

LIQUORICE. — Natural root: Anatolian is 45s. per cwt., Russian, 50s. spot and 47s., c.i.f. Block juice: Anatolian, 200s. per cwt.; Chinese and British, 195s. on the spot. Italian stick from 310s. to 470s. per cwt. Spray-dried extract, 2s. 9d. per lb.

MACE. — Whole on the spot is from 24s. to 24s. 6d. per lb.

MENTHOL.—Chinese. Spot is 50s. per lb., duty paid; July-August shipment, from

47s. 6d. to 48s. c.i.f., as to position. Brazilian, spot, 42s., duty paid; shipment, 39s., c.i.f. Formosan, 42s. 6d., c.i.f.

MERCURY. — Price per flask (76-lb.) is £86 on the spot.

PEPPER.—White Sarawak is 2s. 2½d. per lb. on the spot, with prompt shipment at 2s. 2d., c.i.f. Black Sarawak is offering on the spot at 1s. 8d. per lb., shipment, 1s. 6½d., c.i.f. Black Malabar, 205s. per cwt. on the spot; prompt shipment, 200s., c.i.f.

SEEDS. — (Per cwt.) ANISE.—Cyprian, 175s.; Bulgarian, 165s. duty paid, spot London. CARAWAY.—Dutch are quiet, 115s., duty paid. CELERY.—Indian easier at 180s., spot. CORIANDER.—Quiet. Spot. Moroccan, 90s.; Rumanian, 70s., and Polish or Bulgarian, 65s., all duty paid. CUMIN.—Spot, Cyprian, 150s.; Iranian, 137s. 6d., duty paid. Shipment, Cyprian, 150s., c.i.f. DILL.—Indian offering at 60s., spot. FENNEL.—Indian is firm, 120s. to 125s., spot. FENUGREEK.—Quiet. Indian and Moroccan offered at 67s. 6d. duty paid. MUSTARD.—English, 60s. to 77s. 6d., according to quality.

STYRAX. — Very scarce on the spot. Price nominally 8s. 9d. per lb. No shipment offers.

TONQUIN BEANS. — Para on the spot are cleared.

TURMERIC.—Madras finger on the spot is 72s. 6d. per cwt. with new-crop, May shipment at 57s. 6d., c.i.f.

WAXES. — (Per cwt.) BEES'.—Dar-es-Salaam, spot, 600s., shipment, 560s., c.i.f.; Sudanese, 550s., in bond and 505s., c.i.f. Abyssinian, spot, 580s., duty paid; April-May, 520s., c.i.f. CANDELILLA.—Spot at 520s. CARNAUBA.—Fatty grey, spot, 55s. per cwt.; for shipment, 547s. 6d., c.i.f. Prime yellow, spot, 1,150s.; shipment, 1,080s., c.i.f.

Essential and Expressed Oils

ALMOND.—British oil is 11s. per lb.; imported, 10s. 9d.

ANISE.—Chinese, 12s. 6d. per lb., spot; shipment, 12s. 4½d., c.i.f.

BERGAMOT. — Spot supplies are from 75s. per lb. and shipment from 73s. to 74s. 6d. per lb., c.i.f.

BIRCH TAR. — Rectified is about 14s. per lb. in 1-cwt. lots.

BOIS DE ROSE.—Brazilian is 25s. 6d. per lb. on the spot and 25s., c.i.f.

CAJUPUT. — Spot supplies are from 10s. 6d. per lb.

CANANGA.—Spot is from 52s. to 56s. per lb.

CARAWAY. — English-distilled is offered at 55s. and imported from 28s. to 29s. per lb., duty paid.

CARDAMOM. — Price per lb. is from 350s. for English-distilled and from 267s. 6d. to 297s. 6d. for imported.

CASSIA.—Spot is offered at about 13s. 9d. per lb. with shipment, 13s. 6d., c.i.f.

CASTOR. — Minimum charge for home-produced B.P. oil on the spot is £192 per ton naked ex mill.

CELERY SEED. — Oil is 100s. per lb. for bulk lots.

CHENOPODIUM. — Spot value is now 35s. per lb. for original containers.

CINNAMON. — From quillings, English-distilled is quoted at 55s. per oz.; other B.P. oils from 165s. per lb. Ceylon leaf, crude, 14s. 6d. and rectified, 25s. per lb., spot.

CITRONELLA. — Ceylon, spot, 5s. 7½d.; April-May shipment, 5s. 2d., c.i.f. Formosan, afloat, 7s. c.i.f., with June-August shipment, 6s. 3d., and spot 7s. in bond.

CLOVE.—Madagascar leaf is 8s. 6d. per lb., duty paid and 7s. 2d., c.i.f. for shipment. Rectified B.P., 17s. 6d.; 87-88 per

cent., 11s. 6d. Distilled bud oil, English, from 28s. 9d. to 35s. as to quantity.

CUBEB.—Spot supplies are offered at 45s. per lb.

CUMIN. — Quotations for English-distilled oil are about 102s. per lb. and imported 57s. 6d.

DILL.—B.P. English-distilled oil prices are nominal; imported from 36s. per lb.

EUCALYPTUS.—70 to 75 per cent. eucalyptol on the spot is 4s. 9d. per lb.; 80 to 85 per cent., 5s. 6d.

GINGERGRASS. — Spot offers are from 27s. 6d. per lb.

HYATA. — Formosan, minimum 90 per cent. safrole, 4s. 10½d. per lb., spot.

LAVANDIN.—Spot is from 14s. to 16s. 6d. per lb. for original drums.

LAVENDER. — French oil is from 55s. to 80s. per lb. as to make.

LAVENDER SPIKE. — Spanish is offered from 12s. 9d. to 14s. per lb. on the spot.

LEMON.—Prices of B.P. oil (4 per cent. citral) vary greatly on the spot according to quality and range between 22s. and 33s. per lb. Californian, 28s. 6d. to 36s. 4d., c.i.f. as to quality, subject to licence.

LEMONGRASS.—Spot is 8s. 6d. per lb., and prompt shipment, 8s. 5d., c.i.f.

NUTMEG.—Imported B.P. oil is about 105s. per lb. English-distilled, 180s. nominal.

OLIVE.—New-crop on the spot is about 30s. per lb. ex wharf, for B.P.

OTTO OF ROSE. — Turkish is £250 per kilo.

PATCHOULI. — Penang is 34s. 6d., in bond, and 33s. 6d., c.i.f.

PENNYROYAL. — Spot is quoted from 17s. 6d. per lb., duty paid.

PEPPERMINT.—*Arvensis*: Chinese is 28s. 9d. per lb. on the spot and 28s. c.i.f. Brazilian, 18s. 6d. spot, and 18s. c.i.f. Formosan, May-June, 17s. 6d., c.i.f.; spot, 20s. Italian "Mitcham"-type oil on the spot is from 52s. 6d.; American, 35s. to 42s. 6d. as to origin.

PIMENTO.—English-distilled berry is 180s. per lb.; imported, 75s. Rectified leaf, 27s. 6d. per lb. for small lots.

RUE.—Spot offers for small lots are now 17s. 6d. per lb.

SPEARMINT.—Offers of U.S.P. grade are from 32s. to 34s. per lb. on the spot.

TANGERINE.—Spot supplies offered from 23s. to 36s. per lb. as to quality.

THYME.—Spot is from 10s. per lb., according to content.

UNITED STATES REPORT

NEW YORK, MAY 7: Vitamin price reductions brought new rates per kilo for RIBOFLAVIN, at \$40/00, down \$25; ANEURINE HYDROCHLORIDE, at \$40/00, down \$20; and the MONONITRATE at \$40/00 (down \$22). MENTHOL slumped again to make the Brazilian \$5·85 a lb. (down 30 cents), and the synthetic laevo \$6·10 (65 cents). Labour troubles halted production of CHLOROMYCETIN and other drug items at a Detroit plant. RESERPINE remained officially at \$2·40 per gm. but there were rumours of some lots selling at about two dollars. SENEGA dipped five cents to \$2·80 a lb. DIGITALIS LEAVES were steady at \$1·20 a lb. with material moving in good volume. Lower per lb. among ESSENTIAL OILS were Formosan CITRONELLA at 95 cents (down 15 cents); expressed LIME, \$6·75 (25 cents); CLOVE, \$3·10 (15 cents); SANDALWOOD, \$14·50 (50 cents); and Dalmatian SAGE, \$4·00 (35 cents).

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," April 17

For disinfectants (5)

GAYSAN, 762,489, by Howard James Price, Kettering, Northants.

For photographic apparatus and instruments, etc. (9)

Device with word ELTRONIK, 739,289, by Blaupunkt Elektronik, G.m.b.H., Darmstadt, Germany.

For scientific apparatus, etc. (9)

SAMASTRONIC, 753,246, by Powers-Samas Accounting Machines, Ltd., London, E.C.1.

For cinematographic cameras and projectors (9)

Device of the word AKA, 757,355, by Julius Joseph Silber, London, W.C.1.

For photographic apparatus for use in recording data and information from record cards on x-ray films and plates (9)

DATASTAT, 759,517, by Theratronics, Ltd., London, E.C.1.

Far photographic printing machines and parts (9)

SELECTOPRINT, B761,250, by Block & Anderson, Ltd., London, W.8.

From the "Trade Marks Journal," April 24

Far chemical substances for preventing incrustation of steam boilers (1)

Device with words DM CONCENTRATE 1 4; device with words DM CONCENTRATE 1 8, 754,959-60, by Houseman & Thompson, Ltd., Newcastle-on-Tyne.

Far chemical products for use in controlling the process of fermentation (1)

SILOSE, 758,254, by Whey Products, Ltd., London, W.2.

Far chemical products in the form of powder for use in industry (1)

DELRLIN, 759,394, by E. I. Du Pont de Nemours & Co., Wilmington, Delaware, U.S.A.

For water-swelling and water-soluble synthetic polymers, all being chemical products for industrial use (1)

CARBOPOL, 760,215, by B. F. Goodrich Co., New York, U.S.A.

For anti-oxidants being chemical products for use in manufacturing processes; chemical substances for preserving foodstuffs; and chemical preparations for addition to liquid fuels and lubricants to improve their properties (1)

VIANOL, 761,309, by Shell Petroleum Co., Ltd., London, E.C.3.

For chemical products used in agriculture (1)

SILASOL, 760,809, by Hy. Richardson & Co. (York), Ltd., York.

Far fatty acids in the form of liquids and solids (1)

EMERSOL, 761,621, Emery Industries, Inc., Cincinnati, Ohio, U.S.A.

Far chemical products used in industry (1)

LUBICEL, 762,589, by British Celanese, Ltd., London, W.1.

Far non-medicated toilet creams and non-medicated toilet preparations for the skin (3)

APISARUM, 752,044, by Josephine Grasser, Paris, France.

For face powder and face cream, being non-medicated toilet preparations, lipstick, eye mascara and toilet rouge (3)

GALA FINISHING TOUCH, B758,411, by Gala of London, Ltd., London, W.1.

Far perfumes, toilet preparations (not medicated), cosmetic preparations, dentifrices, depilatory preparations, toilet articles, sachets for use in waving the hair, soaps and essential oils (3)

Device of wording DUBARRY MY FAIR LADY, 760,047, by Dubarry Perfumery Co., Ltd., Hove, Sussex. SNO-STIK, 761,680, by E. Griffiths Hughes, Ltd., Salford, Manchester. HENJA, 762,133, by Henja Products, Bristol.

For preparations and substances for laundry use; cleaning, scouring and abrasive preparations; soap; and perfumes, non-medicated toilet preparations, cosmetics and essential oils (3)

PAXAH, 760,253, by Fitchettes, Ltd., Rickmansworth, Herts.

For non-medicated toilet preparations for the hair, all of the preparations being in the form of cream (3)

LANOCREME, 760,882, by Leisters (Burslem), Ltd., Stoke-on-Trent.

For preparations for the hair; and sachets for use in waving the hair (3)

VAPOILATOR, 762,228, by Indola, N.V., Netherlands.

For pharmaceutical, veterinary and sanitary substances (5)

Device with word KNOLL, 732,491, by Knoll, A.G., Ludwigshafen-on-Rhine, Germany.

For pharmaceutical preparations for use in lowering the sugar content in the blood (5)

Device of wording RASTINON HOECHST, B756,245, by Farbwurke Hoechst, A.G., vormals Meister Lucius & Bruning, Frankfort-on-Main, Germany.

For medicinal preparations containing or consisting of nitro-compounds and being for use in inhalation therapy (5)

MEDIHALER-NITRO, 757,674, by Riker Laboratories, Inc., Los Angeles, California, U.S.A.

For disinfecting devices for attachment to telephones by means of suction and adapted for the purpose of spraying disinfectants into the telephone mouthpiece (5)

WOD, 757,716, by Walter Orr Dalziel, Glasgow, N.

For sedatives made wholly or principally of amylobarbitone and methyl amphetamine hydrochloride, being pharmaceutical preparations for human use (5)

ELEVAL, 757,923, by Gedeon Richter (Great Britain), Ltd., London, N.W.5.

For pharmaceutical preparations and substances for human use and veterinary use (5)

ULTRACORTENOL, 759,732, by Ciba, Ltd., Basle, Switzerland.

For pharmaceutical preparations and substances (5)

RENIDE, 760,062, by Duncan, Flockhart & Co., Ltd., Edinburgh, 11.

For fungicides and insecticides (5)

Device with words TIMB-AIRE, COOPER PRODUCT, B760,657, by Cooper, McDougall & Robertson, Ltd., Berkhamsted, Herts.

For pharmaceutical preparations and substances in the form of tablets, capsules, suppositories, or liquids (5)

DURILETTES, 760,698, by Aktiebolaget Hassle, Apotekare Paul Nordstroms Fabriker, Gothenburg, Sweden.

For pharmaceutical preparations, sanitary substances and disinfectants (5)

SCHERISOLON, 761,083, by Schering, A.G., West Berlin, Germany.

For pharmaceutical preparations for the treatment of collapse and hypotension (5)

NOVADRAL, 761,245, by Veritas Drug Co., Ltd., Shrewsbury, Salop.

For all goods (5)

VIOXEL, 761,582, by Willows Francis, Ltd., London, E.8. AMPTAINER, 762,649, by Bayer Products, Ltd., Kingston-on-Thames, Surrey.

For deodorants (5)

SNO-STIK, 761,681, by E. Griffiths Hughes, Ltd., Salford, Manchester.

For medicated herbal preparations (5)

Device with word YERBAMA, 761,588, by Hand & Co., London, S.W.7.

For photographic apparatus and equipment (9)

CERTO, B759,889, by North Staffs Photographic Services, Newcastle, Staffs. AMBI, 260,247, by Agfa, A.G. für Photofabrikation, Leverkusen-Bayerwerk, Germany.

For empty cosmetic holders not of precious metal or coated therewith (21)

SEALSTIK, B753,142, by Crown Cork & Seal Co., Inc., Baltimore, Maryland, U.S.A.

For hair nets, hair curlers for attachment to the hair, and hair pads (26)

VANITY FAYRE, 760,938, by A. Burnet & Co., Ltd., London, W.1.

WILLS

MR. A. O. BARTON, M.P.S., Elmlea, Staunton, Glos, left £23,618 (£23,567 net). He left £50 to the Benevolent Fund of the Pharmaceutical Society.

MR. R. E. OGLE, M.P.S., 40 Front Street, Newbiggin-by-the-Sea, Northumberland, left £3,465 (£3,419 net).

MR. E. G. ROBERTS, M.P.S., 80 High Street, Broseley, Salop, left £3,840 (£2,268 net).

MR. J. C. SEMPLE, M.P.S., 7 Carillon Road, Glasgow, left personal estate in England and Scotland valued at £14,769.

MR. J. TAYLOR, M.P.S., The Dell, Roughdown, Hemel Hempstead, Herts, left £578 (£531 net).

MR. S. C. G. TWEEDY, M.P.S., 67 Cloonmore Avenue, Orpington, Kent, left £2,643 (£2,602 net).

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Saturday, May 11

SOUTH-WEST METROPOLITAN HOSPITAL PHARMACEUTISTS COMMITTEE, board room, Regional Hospital Board offices, 11 Portland Place, London, W.1, at 2.45 p.m. Discussion on drug contracts and the new regulations and syllabus for the Apothecaries' Hall certificate.

Monday, May 13

EDINBURGH AND SOUTH-EASTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, Heriot-Watt College, Chambers Street, at 2.30 p.m. Professor R. Monnet (Franco-British Pharmaceutical Commission) on "The Medicinal Use of Human Blood and its Derivatives." At 36 York Place, at 7.45 p.m. Madame R. Bernard-Faugouin on "The Part Played in the Analytical Field by the French Pharmacist."

Tuesday, May 14

SOUTH-EAST METROPOLITAN BRANCHES, PHARMACEUTICAL SOCIETY and NATIONAL PHARMACEUTICAL UNION, and SOUTH-EAST LONDON CHEMISTS' ASSOCIATION, New Cross inn, 323 New Cross Road, London, S.E.14, at 8 p.m. Annual meetings.

SOUTH SHIELDS PHARMACISTS' ASSOCIATION, County hotel, Sunderland Road, at 7.30 p.m. Annual meeting; talk by Dr. W. Davison.

Wednesday, May 15

SOUTH LONDON AND SURREY PHARMACISTS' GOLFING SOCIETY, Langley Park golf club, Beckenham, at 1.30 p.m. Medal competition for Ucal challenge cup.

PHARMACEUTICAL SOCIETY, north hall, Liverpool Victoria Friendly and Approved Societies' Building, Bloomsbury Square, London, W.C.1, at 10 a.m. Annual meeting; Election of scrutineers; at 8 p.m., resumption of annual meeting.

Friday, May 17

LEICESTER BRANCH, PHARMACEUTICAL SOCIETY, School of Pharmacy, Leicester College of Technology, at 11 a.m., Professor R. Monnet (Franco-British Pharmaceutical Commission) on "The Medicinal Use of Human Blood and its Derivatives." At Bell Hotel, at 7.30 p.m., Madame R. Bernard-Faugouin on "The Part Played in the Analytical Field by the French Pharmacist."

Saturday, May 18

NATIONAL PHARMACEUTICAL UNION, Arca conference for Breconshire, Cardiganshire, Carmarthenshire, Glamorganshire, Herefordshire, Monmouthshire, Pembrokeshire and Radnorshire, Park hotel, Cardiff, at 7.30 p.m. Informal dinner.

Sunday, May 19

NATIONAL PHARMACEUTICAL UNION, Arca conference for Breconshire, Cardiganshire, Carmarthenshire, Glamorganshire, Herefordshire, Monmouthshire, Pembrokeshire and Radnorshire, Park hotel, Cardiff, at 11 a.m., church service; at 12.45 p.m., luncheon; at 2.15 p.m., ladies' excursion; at 2.30 p.m., conference.

PRINT AND PUBLICITY

COMMERCIAL TELEVISION

PROGRAMME details are given to enable chemists to put in linking-up displays if they wish. Notice given is as far in advance of the programme date as can be guaranteed by the broadcasting companies.

Sunday, May 19

LONDON: Optrex. Anne French products. Anadin. Nervone. Tru-Gel. Ibcoll. Air-wick. Gayelord Hauser extra potency yeast tablets.
MIDLAND: Robinson's lemon barley water. Brylcreem. Val-Pak. Drene. Anadin.
NORTH: Robinson's lemon barley water. Brylcreem. Val-Pak. Drene. Anadin. Dabifoff.
ALL: Hi-Fi lipstick. Pepsodent. Gibbs' S.R.

Monday, May 20

LONDON: Brylcreem. Val-Pak. Pure Silvikrin. Anne French products. Vinolia. Pepsodent. Gibbs' S.R. Dentiline. White Rain shampoo.
MIDLAND: Brylcreem. Pure Silvikrin. Gleem tooth-paste. Anadin. Vinolia. Vaseline hair cream. Spratt's ovals.
NORTH: Alka-Seltzer. Gleem tooth-paste. Pepsodent. Horlicks. Air-wick. Cephos.
ALL: Knight's Castile soap.

Tuesday, May 21

LONDON: Brylcreem. Optrex. Pure Silvikrin. Tru-Gel. Ibcoll. Miraglo. Air-wick. Cussons' cold cream soap. Dabifoff.
MIDLAND: Robinson's orange smash. Drene. Gibbs' S.R. White Rain shampoo. Snowfire wavyset.
NORTH: Pure Silvikrin. Alka-Seltzer. Vaseline hair cream. White Rain shampoo. Zoflora.
ALL: Knight's Castile soap. Gleem tooth-paste. Vinolia.

Wednesday, May 22

LONDON: Brylcreem. Val-Pak. Drene. Anadin.

C. & D. WEEKLY LIST OF PRICES

A = Advanced; R = Reduced; I.R.P. = Inclusive Retail Prices; * = Tax 30 per cent.; † = Tax 90 per cent.

GLAXO LABORATORIES, LTD. (purchase tax exemption)

Tertroxin 20 tablets	50	31	6	3	6	R
	500	252	0	28	0	R
5 tablets	50	24	0	2	8	R

PARKE, DAVIS & CO., LTD. (from May 1)

Diphtheria-perussis-propionic (W.D.P. red label)	I.R.P.	
3 doses	5 0	R
10 mil	10 6	R

PFIZER, LTD. (purchase tax exemption)

Atarax tablets	Each					
10 mgm.	20	8	0	12	0	R
	100	35	0	52	6	R
syrup 4 fl. oz.	10	0	15	0	R	

RILLING CO.

Sta-Fresh deodorant*	Doz.	
33 4	5 0	R

ROBERTS' CROUPLINE, LTD.

Croupline cough syrup*	2 0	A
	4 6	A

P.A.T.A. LIST

(Alterations notified this week by the Proprietary Articles Trade Association.)

COUNTY LABORATORIES, LTD.

The following (previously notified as having been withdrawn) are still available, but are deleted from the P.A.T.A. list:—Amami shampoo No. E.1-2; lotion shampoo No. E.3; wave set No. E.34; brilliantine No. E.41-42; Brylfoam No. F.51-52.

PERPLEX, LTD. (agents: THOMAS CHRISTY & CO., LTD.)

Yaxa perfumed deodorant†	42	6	8	6	R
refill†	37	6	7	6	R
anti-perspirant*	26	1	3	11	R
refill*	19	5	2	11	R
perfumed body powder deodorant†	29	7	5	11	R
refill†	21	3	4	3	R

NEW PRODUCTS AND PACKS

ALLEN & HANBURY'S, LTD.	25	84	0
Piriton Duolets	Each		
	250	56	6

BIOREX (MARKETING), LTD.

Biosone G.A. veterinary:—	Doz.
cerate*	3 gm.
	25 0
	3 9

Vinolia. Gibbs' S.R. White Rain shampoo. Horlicks. Dip. Dr. Wernet's powder. Cussons' cold cream soap.

MIDLAND: Robinson's lemon barley water. Drene. Anadin. Vaseline hair cream. Safada cream shampoo. Air-wick.

NORTH: Robinson's orange smash. Pure Silvikrin. Anne French products. Vinolia. Safada cream shampoo. Cephos.

ALL: Gleem tooth-paste. Twink.

Thursday, May 23

LONDON: Robinson's lemon barley water. Brylcreem. Drene. Tru-Gel. Sans Egal. Cussons'



Range of sales aids available from Burroughs Wellcome & Co., 183 Euston Road, London, N.W.1, as part of the spring and summer campaign for Marzine which will include national Press advertising and posters on main line railway termini, London Underground, and suburban railway stations in the London area and South-east England.

cold cream soap.

MIDLAND: Brylcreem. Heluan cream cuticle mover. Anne French products. Anadin. Vinolio. Gibbs' S.R. Vaseline hair cream. White Rain shampoo. Horlicks. Rosedale Lanospray.

NORTH: Robinson's lemon barley water. Gibb S.R. White Rain shampoo. Dr. Wernet powder.

ALL: Gleem tooth-paste. Twink.

Friday, May 24

LONDON: Anadin. Twink. Safada cream shampoo. Air-wick.

MIDLAND: Twink. Nervone.

NORTH: Brylcreem. Floret aerosol. Anadin. Twink. Vinolia. Gibbs' S.R. Cephos. Zoflora.

ALL: Pure Silvikrin. Drene. Gleem tooth-paste.

Saturday, May 25

LONDON: Robinson's lemon barley water. Optrex. Val-Pak. Alka-Seltzer. Anadin. Lip-Glo. Sans Egal. Air-wick. Persomma tablets. Gayelord Hauser extra potency yeast tablets.

MIDLAND: Robinson's orange smash. Brylcreem. Moorland indigestion tablets. Pure Silvikrin. Anne French products. Vaseline hair cream. Sans Egal. Air-wick.

NORTH: Robinson's orange smash. Moorland indigestion tablets. Vodex. Vaseline hair cream. Purosan.

ALL: Brylcreem. Max Factor products. Silvikrin shampoo. Drene. Vita Glucose tablets. White Rain shampoo. Horlicks. Linc-o-lin bed shampoo.

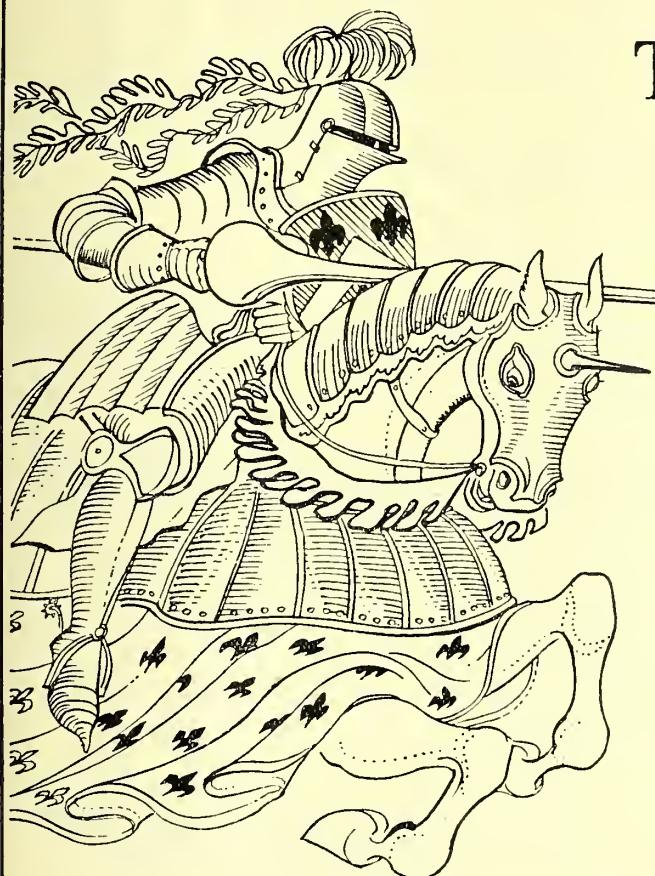
Other products which are being currently advertised (but for which no day of showing has been notified) include: Demuth's Frozoclone, Froz lavender and solid flower perfumes. Rose's lime juice. Astral cream. Delsey toilet tissue.

C. & D. RETAIL AND DISPENSING PRICE LIST

The drug index for April was 203.5

Cost		Item		4 oz.	1 oz.	1 dr.
d.	per	s. d.	s. d.	s. d.	s. d.	s. d.
180	500 gm.	Confectio sulphuris	...	5 9	1 8	0 3
300	gall.	Ol. arachis	...	1 1	0 4	0 1
48	500 gm.	Ol. ricini	...	1 7	0 6	0 1
46	250 mils	Ol. sassafras	...	—	1 11	0 3
126	25 gm.	Opium pulveratum	...	D.D.	—	3 4
96	25 gm.	Phenylhydrarg. acetas	...	S. I. (5)	—	2 7
69	25 gm.	Quinin. dihydrochloridum	...	—	—	1 10
98	500 mils	Tinct. calumbae	...	3 2	0 11	0 2
213	250 mils	Tinct. chlorof. et morph. co.	...	D.D.	8 6	1 3
144	500 mils	Tinct. myrrae et boracis, B.P.C. '49	...	4 10	1 4	0 3

The bold letters and figures at left of dispensing price relate to the classification of poisons
THE CHEMIST AND DRUGGIST Poisons Guide.



**Two weapons
against
Athlete's
Foot
and other
fungal dermatoses**

Amongst people in all walks of life Mycil Ointment and Powder have become established as preparations of undoubted effectiveness in the treatment of athlete's foot.

Both preparations are non-mercurial. Both are effective in prophylaxis as well as in treatment.

Mycil Powder is also recommended to combat the effects of excessive perspiration.

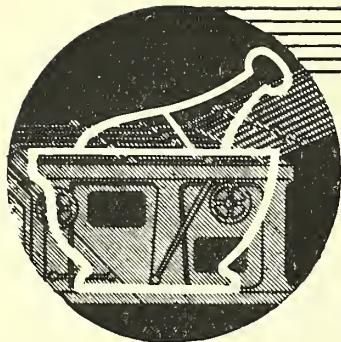
'MYCIL'

TRADE MARK

TRADE RETAIL
OINTMENT—collapsible tubes 1/6 2/9
POWDER—sprinkler tins 1/6 2/9



THE BRITISH DRUG HOUSES LTD. LONDON N.1



*Good printing
definitely promotes
better Sales —*

SUTTLEY & SILVERLOCK

BRANCH OF KELLY'S DIRECTORIES LTD

are SPECIALIST PRINTERS for CHEMISTS

STOCK LABELS for Medicinal and Toilet Preparations. A large assortment of designs. Samples on application.

If you pay half as much attention to your labels, cartons and other printed matter as you do to the appearance of your windows—your two allies in sales-building—the Suttley & Silverlock printing service will solve your problems.

ANDOVER, HANTS

London Office: 2 ARUNDEL STREET, STRAND, W.C.2. Telephone: Temple Bar 3464 (9 lines)

It's easier to keep trim with TRIMRITE'

FAST CUTTING NAIL CLIPPER

CREATE EXTRA SALES!

24/- PER DOZ.

Stock BRITAIN'S BEST SELLING NAIL CLIPPER

(Also available in De Luxe finish—Gold Plated fitted with nail file)

NOW PRESENTED on NEW SALES COMPELLING SHOWCARD

PRECISION MADE **MADE IN U.S.A.** **QUALITY STEEL**

Stocked by leading wholesalers
D. HARRIS & CO. LTD.
73 Brewer Street, London, W.I.
Tel.: GER 7166



U SE G OOD B OTTLES

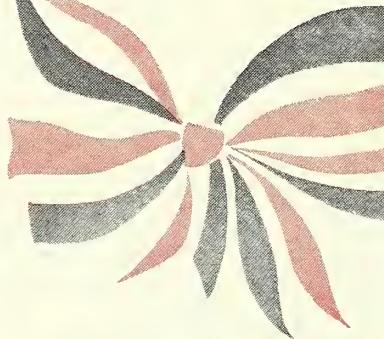
UNITED GLASS BOTTLE MANUFACTURERS LIMITED

8 LEICESTER STREET, LONDON, W.C.2

Telephone: GERRARD 8611 (23 Lines)

Telegrams: UNGLABOMAN, LESQUARE, LONDON

Tempt your customer



A GUEST-SIZE TABLET OF SOAP FREE WITH EVERY TIN OF TALC

Women are always tempted by a bargain. You know that. You've seen it happen often. And here is a bargain they're sure to fall for! Field's French perfumed talc and soap.

- * French Pink or French Moss
- * Talc and gift soap — with their perfume imported from Paris!
- * Attractively wrapped to appeal to women
- * Only 3/- (the usual price of the talc)

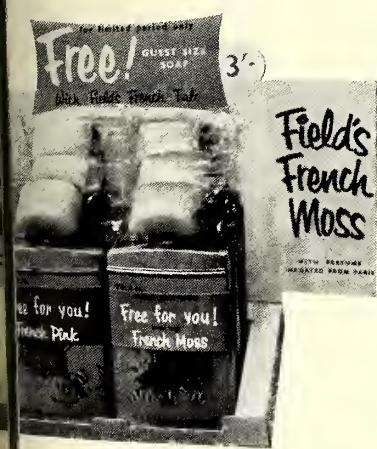


**FOR LIMITED
TIME ONLY**

With this Field's Offer!

Help Yourself To Greater Sales -

ng customers into your shop with this spelling window sticker. Our representative will be glad to place it for you.



- 2** Clinch the sale by displaying the twin packs, and recommending them to every customer.
- 3** And — encourage your customers to buy more Field's soap at the same time by displaying your usual stocks prominently.

tin of Field's French Pink and French Moss Talc now being
tched is most attractively packed with a free matching tablet of
-size soap. The duration of this offer is limited. It will close shortly.
num Pack: 3 dozen.
($\frac{1}{2}$ dozen of each Fragrance.)

Hurry—Order Now!

The name that guarantees accuracy

- CLINICAL THERMOMETERS
- HOUSEHOLD THERMOMETERS
- INDUSTRIAL THERMOMETERS

The advertisement features a large red 'Z' logo with the word 'ZEAL' in white, followed by 'BRITISH MADE'. Below the logo are three clinical thermometers of different sizes. To the right, the word 'CLINICALS' is written in large white letters on a red background.

G·H·ZEAL LTD

LOMBARD ROAD · MORDEN
ROAD · LONDON · S.W.19

Telephone : LIBERTY 2283 - 4 - 5 - 6 and 4201
Cables : " Zealdem " London

A detailed black and white illustration of a large industrial chemical plant with multiple buildings, tall chimneys, and storage tanks. To the right of the plant, a vertical column lists various chemical products. At the bottom left, a block of text describes the quality of their chemicals.

Chemical Products of Distinction

- CITRIC ACID
- TARTARIC ACID
- CREAM OF TARTAR
- SODIUM POTASSIUM TARTRATE
- LITHIUM SALTS
- CALCIUM GLUCONATE
- FERROUS GLUCONATE
- SODIUM GLUCONATE
- GLUCONO DELTA LACTONE
(GLUCONIC ACID ANHYDRIDE)
- ACID SODIUM CITRATE
- ITACONIC ACID

Our chemicals are of the finest quality obtainable and are manufactured entirely in the U.K. under the supervision of skilled chemists.

KEMBALL, BISHOP & CO., LTD.
CROWN CHEMICAL WORKS THREE MILL LANE · BROMLEY-BY-BOW · LONDON · E.3
ESTABLISHED 1870

Telephone : ADVANCE 1234 (7 Lines)

Telegrams : KEMBALL BOCHURCH, LONDON



*By Appointment to H.M. The Queen
Manufacturers of Vacuum Vessels*

1 9 5 7

Special Golden Jubilee Year Offer

from **THERMOS**
REGISTERED TRADE MARK

IF THEY SEE 'EM...

THEY'LL BUY 'EM!

So here's your chance to give your customers still MORE incentive to buy Britain's best-selling vacuum flasks . . . THERMOS Brand! There's a model for every need—from the pocket size Minor to the big-capacity Family Flask. Display them all together . . . and watch your sales go UP!

THIS SPECIALLY DESIGNED DISPLAY UNIT

- holds one of each size Thermos
- Brand flask, either No. 14 or 15 range.
- wins you still greater sales of this best-selling line
- is offered FREE in the 'Jubilee Flask Parcel'*

*THE THERMOS

'JUBILEE FLASK PARCEL' IS MADE UP OF THIS SELECTION OF BEST-SELLING THERMOS BRAND MODELS:

'WORLD' FLASK SERIES 15 (1) 2 x 15½ (Minor)
fitted with polythene (2) 2 x 15 (Standard)
pouring lip and lock-on (3) 1 x 1515 (Major)
polythene stopper (4) 2 x 15Q (Family)

POPULAR FLASK SERIES 14 (5) 2 x 14½ (Minor)
fitted with special (6) 13 x 14 (Standard)
polythene non-drip (7) 1 x 1414 (Major)
pouring lip (8) 2 x 14Q (Family)

JUG MODEL 65 (9) 2 x 65

a graceful, efficient
vacuum jug at a price
everyone can afford

	List Price	Purchase Tax	Selling Price
	£. s. d.	£. s. d.	£. s. d.
2 x 15½ flasks (1)	11·8	1·4	13·0
12 x 15 " (2)	3·17·0	9·0	4·6·0
1 x 1515 " (3)	9·7	1·1	10·8
2 x 15Q " (4)	1·3·0	2·8	1·5·8
2 x 14½ " (5)	10·6	1·3	11·10
13 x 14 " (6)	3·16·11	8·8	4·5·7
1 x 1414 " (7)	8·9	1·0	9·9
2 x 14Q " (8)	1·1·6	2·6	1·4·0
2 x 65 " (9)	1·4·0	2·9	1·6·10
	£13·2·11	£1·10·3	£14·13·4



Order the
JUBILEE FLASK PARCEL
through your usual wholesaler

N.B.:

The special display unit is supplied FREE only as part of the Jubilee Flask-Display Parcel. IT IS ALSO AVAILABLE AS A SEPARATE ITEM FOR THE NOMINAL CHARGE OF 10/-, carriage paid from your wholesaler.

THERMOS
REGISTERED TRADE MARK

— the reliable brand of vacuum vessels
A RANGE OF OVER 40 FLASKS, JUGS, JARS & BOWLS TO CHOOSE FROM

P. S. HEAVY THERMOS NATIONAL ADVERTISING BREAKS EARLY JUNE

HOME TRADE



EXPORT

MENTHOL IPECAC QUILLAIA

and all other Botanicals, Gums,
Waxes, Essential Oils and Spices

JOHN KELLYS (LONDON) LTD.
24 OLD BROAD STREET, E.C.2

Telephone : LONDON Wall 6585 (4 lines)
Telegrams : "Ergotine, Stock, London"

NEW YORK · HAMBURG



MILLAMALT

BECAUSE OF THE BUTTERSCOTCH FLAVOUR

Sole Manufacturers: JEFFREYS, MILLER & CO. LTD., Leyland Mills, Wigan. (London Dept: 19 Brookside Rd. N.)

TANNIC ACID AND DERIVATIVES

THE BRITISH DYEWOOD COMPANY LIMITED

19 St. VINCENT PLACE GLASGOW C.1

LUTON DYES

and straw hats live again!

Brush-on straw hat dyes in a range of 12 pleasing colours.
Smart matt or glossy finishes give last years straw hats the
fashionable look.

Eye-catching Shade Cards and Showcards available.

Large size 18/- per doz. Retail 2/- per bottle.

Small size 13/6 " " 1/6 "

Complete with brush for applying the dye.

Less 5% for cash in 7 days.

WHITAKER & CO. (KENDAL) LTD.
DYE AND CHEMICAL MANUFACTURERS—KENDAL

AN ENCYCLOPÆDIA OF POISONS LAW

The Chemist & Druggist **POISONS GUIDE**

Compiled and
Co-ordinated by
W.A.WHATMOUGH
B.Sc., Ph.C., F.R.I.C

No pharmacist can afford to be without these two Volumes.
They provide complete information on what the authorised
seller of poisons should do in every situation covered by the
Poisons Rules and Dangerous Drugs Regulations.

Order these essential volumes NOW!

VOLUME I
POISONS LIST & KEY

20/- (postage 1/-)

VOLUME 2
POISONS PROVISIONS & EXPLANATIONS

40/- (postage 1/6)

Order from your Bookseller or direct from The Publisher:
28 ESSEX STREET, STRAND, LONDON, W.C.2.



HAVE YOU JOINED

in the



CO-PARTNERSHIP PLAN

AN ALL-OVER DISCOUNT
FOR THOSE WHO HANDLE



HOT WATER BOTTLES AND BATHING CAPS



BABY FEEDING REQUISITES AND



Registered
Trade Marks

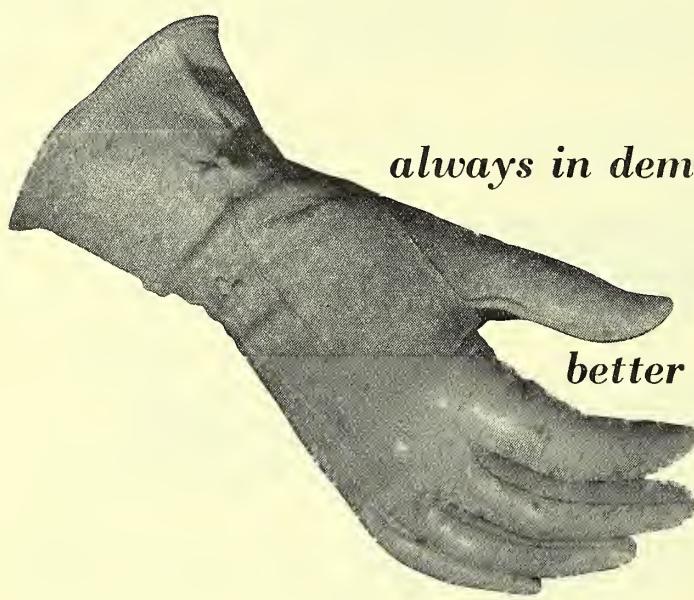
PHARMACEUTICAL RUBBER PRODUCTS

ASK YOUR WHOLESALER FOR DETAILS

OR WRITE DIRECT TO

WILLIAM FREEMAN & COMPANY LIMITED
SUBA-SEAL WORKS, PEEL STREET, BARNSLEY

TEL.: BARNSLEY 4081



always in demand

better order some more



PLJ CROYDON, SURREY. Telephone: CROydon 3854

D.C.M.X. OF THE B.P.C.

The supreme antiseptic base. R.W. 250
For ANTISEPTICS, DISINFECTANTS,
DEODORANT SOAPS and CREAMS

P.C.M.X. R.W. 60

The Chloroxylenol of the B.P.
LIQUOR CHLOROXYLENOLIS B.P.

P.C.M.C.

The Chlorocresol of the B.P.

Samples and full information from:—

ROBERT HALDANE & CO. LTD.

Underwood Chemical Works

MURRAY STREET, PAISLEY

Telephone: Paisley 2131/2.

Telegrams: "Kem Paisley."

HOME AND EXPORT ENQUIRIES TO—

Selling Agents CHAS. PAGE & CO. LTD.

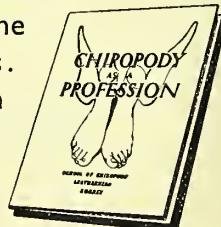
52 Grosvenor Gardens, London, S.W.1

Telephone: Sloane 8151 And at MANCHESTER and GLASGOW

CHIROPODY

THE PAYING PROFESSION

CHIROPODY is an interesting profession with unlimited prospects. It is not available under the N.H.S., and exceptionally good returns are obtained by the qualified practitioner. There exists a national shortage of chiropodists, and the demand increases. Much of the study can be taken by correspondence.



Write for details to

SCHOOL OF CHIROPODY
(Dept. CD), LEATHERHEAD, SURREY

Greatest success yet in the fast expanding Hair Colouring field!



Sales of COLOR-GLO have exceeded all expectations. There is no doubt that COLOR-GLO advertising—directed at women who have never dared to use hair colouring before—is creating an entirely new market for hair colouring products.

COLOR-GLO is bringing sales to chemists all over the country—results since launching have been phenomenal. Don't hesitate to order adequate stocks. COLOR-GLO users do get the results they are promised. That means they will come back again and again—*on the average at least six times a year*. This will represent new business—an addition to your turnover. For most COLOR-GLO users are trying out a new kind of product—one they have never bought before.

Color-Glo

lasts through 6 to 8 shampoos TRADE MARK

↑ ↓

Display these
most attractive
full colour packs
and link up with the
all-the-year-round
big space advertising
appearing in Woman
Woman's Own and
women's monthly
magazines.

Retail price
4/6 per bottle.
Trade price
22/6 per dozen.
plus 90% tax.

From your usual wholesaler or from:

GOLDEN LIMITED, 7 GROSVENOR STREET, W.I.
Telephone : HYDe Park 1671/6

Trade Enquiries for the Republic of Ireland should be addressed to : Lilmar Pharmaceuticals Limited Santry, Dublin.



**Have you seen
THIS**

**new beautifully designed
show card size 23" x 17½"
in 6 bright colours?**

Supplied with two side panels each 17" x 10" the whole making an attractive window display, or can be used separately as counter show cards

NOW IS THE TIME

to make a window display and ensure a steady flow of repeat orders for

"AUTUMN SUN"

the Malt and Oil with the taking flavour

The complete set is FREE; ask our representative or write direct, sent post free.

EDME LIMITED

84-86, REGENT STREET, LONDON, W.I.

Works: Mistley, Essex.



The Press Acclaim . . .

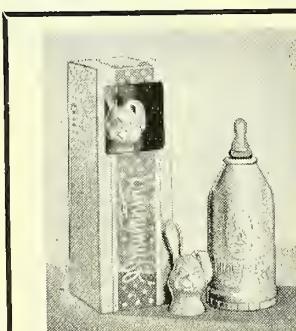
THE DAILY MIRROR "An attractive, hygienic, plastic container to keep baby's bottle at a constant temperature. Bunnymuff should be a boon for night feeds, for travelling or picnics. Sold in an attractive box — it would make an original present."

THE TIMES "Bunnymuff has the blessing of eminent members of the medical profession."

Acclaimed by over 40 Editors, labelled 'the perfect mother's help'—Bunnymuff is destined for fame! Prepare for the Bunnymuff Boom—Order today for early delivery!

bunnymuff

THE EVENING NEWS "Keeping baby's bottle at the right temperature is always a problem for busy mothers. Now comes Bunnymuff hygienically designed to do the trick."



"Bunnymuff"

- ★ The nearer to nature way of keeping baby's bottle feed warm.
- ★ Completely hygienic and easily cleaned.
- ★ Endorsed by Medical Profession.
- ★ Designed for use with standard size feeding bottles.
- ★ Best baby gift anyone can buy—retails for
- ★ 33% Discount no purchase tax

6'11

Order today from your wholesaler or direct from
BELTON PRODUCTS, AMWELL HOUSE, HODDESDON, HER

Rose's on all TV networks all through the summer

**MORE THAN 150 PEAK-TIME TV SPOTS WILL
FEATURE ROSE'S BETWEEN MAY AND AUGUST**

Rose's Lime Juice television advertising was a great success last year. This year Rose's are appearing on all commercial networks. Millions more people will be able to see Rose's TV advertising—and see it often.

Rose's Lime Marmalade, too, is being featured in this all-over-the-country television campaign.

Linked with Rose's television advertising are large and frequent spaces in the National Press. All the advertising—television and press—tells the same straightforward story of:

Rose's for quality... and Rose's the refreshing all-the-year-round health drink for complexion and bloodstream, for strong bones and healthy teeth.

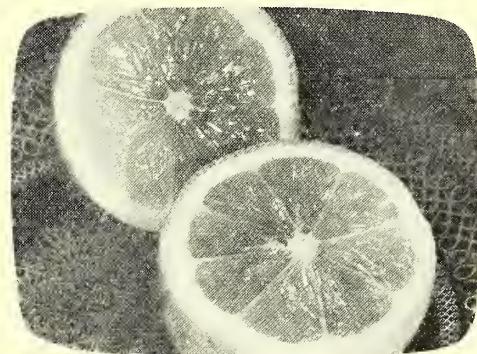
**Rose's advertising will be telling
millions more people to . . .**

drink more Rose's Lime Juice

***Are your stocks of Rose's lines sufficient to cover
the steady increase in demand?***



And remember, Rose's Diabetic Lime Juice and Fruit Squashes are selling better than ever (*they're fine for slimming*)

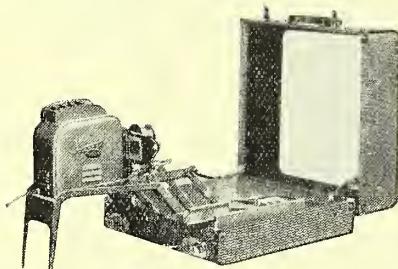


LOOK AT THESE SHOTS FROM THE FILMS





35 mm. PROJECTORS

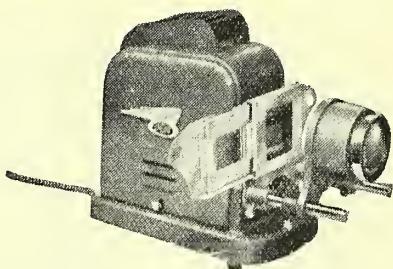


COMPANION

Wherever you go you can take your Gnome Companion with you to show your colour transparencies to your friends.

The Companion is a compact projection unit using the open lid as an $11\frac{1}{2}$ " square screen. The expense of buying an independent screen and the trouble of erecting it are saved. If a larger picture is required, however, the lid is easily removed so that the picture is projected on to a wall screen.

Slide carrying compartments are built into the case.
PRICE, from £12. 17. 6.



ONE FIFTY

A sturdy, efficient projector with exceptionally brilliant illumination, the Gnome ONE FIFTY Projector will meet the considerable demand occasioned by the great increase in the use of colour film.

SPECIFICATIONS: 150 watt mains lamp; sturdy base casting; two first quality optical condensers (with Aspheric condenser on all but the 50 mm. model); Chance glass heat filter; efficient convection cooling; aluminized mirror; finished in hard stoved enamel and chromium.

PRICE, from £9. 9. 0.

Details and counter leaflets from:

GNOME PHOTOGRAPHIC PRODUCTS LTD.
CAERPHILLY ROAD, CARDIFF.

The Hay fever season is upon us.
Win more sales
and your customers' gratitude
by recommending

BESORBON

REGD. TRADE MARK

MEDICINAL SNUFF

the *proved* remedy

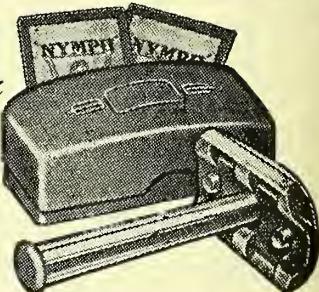
Your wholesaler can supply you promptly. Orders of one dozen come in attractive counter display box for

MORE SALES—MORE PROFIT

KEMSALES LTD., 20 EASTCHEAP, LONDON, E.C.3

A Gift a Woman gives Herself...

Counter display ensures quick sales



Nymph

Backed by national advertising



ladies' safety razor

Every woman is a possible buyer of this dainty toilet accessory. Reasonably priced at 3/7½ to ensure spontaneous purchase! Complete in moulded case with 2 blades, in PINK, BLUE, GREEN. "Nymph" Blades in cartons of 6 blades, 1/6.

Obtainable from your usual wholesaler.

A PRECISION-MADE **SOUPLEX** PRODUCT

SOUPLEX LTD., MORECAMBE, LANCS.

BONUS CROOKES OFFER

SAFEGUARD YOUR SKIN

CROOKES Lacto-Calamine LOTION
POWDER BASE & SKIN FOOD
A SOOTHING SUNBURN LOTION

Details of the Crookes bonus offer for Lacto-Calamine have already been mailed to you. Take advantage of the attractive show material which has been specially designed to help you sell Lacto-Calamine.

Stock up now . . . it's going to be

ANOTHER

P.A.T.A.



Lacto-Calamine

SUMMER



THE CROOKES LABORATORIES LIMITED • PARK ROYAL • LONDON • NW10

Restrictive Trade Practices Act 1956
FIXED RETAIL PRICES 1/8—3/9 Including Purchase Tax
The maintenance of these prices is a condition of sale

D. J. Collis Browne's CHILDODYNE

SALE RESTRICTED
TO REGISTERED CHEMISTS

Pharmacy and Poisons Act 1933
**PURCHASER'S SIGNATURE
NOT REQUIRED**

Sole Proprietors—
J. T. DAVENPORT LTD.
Union St., London, S.E.1
FOR OVER 100 YEARS

P.A.T.A.

FITS INTO ANY CORNER

OF THE . . . FIRST AID ROOM • WARD • TOILET • CLOAK KITCHEN • CONSULTING ROOM • DISPENSARY • OPERATING ROOM OR WHEREVER A HANDY PLACE FOR SMALL REFUSE IS REQUIRED



23/- EACH
FROM

ROBERT BAILEY & SON, LTD.
SURGICAL DRESSINGS MANUFACTURERS
DYSART STREET, GREAT MOOR, STOCKPORT
Phone: STEPPING HILL 3006/7 Grams. "UNDISPUTED" STOCKPORT

Do not
disappoint
your customers
—stock and display

askit

Powders and tablets for the safe and speedy relief of headaches, colds, chills, rheumatic and nerve pains.

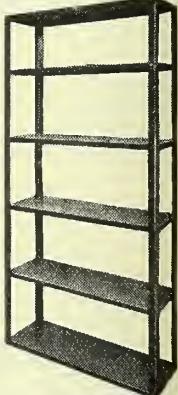
EX ALL LEADING WHOLESALE HOUSES

MANUFACTURER'S OFFER OF STEEL SHELVING

- Brand new — Manufactured in our own works
- Shelves adjustable every inch
- Heavy gauge shelves will carry 400 lb. each
- Stove enamelled bronze green
- 6 shelves per bay — Extra shelves 8/- each
- Quantity discounts

72" High
34" Wide
12" Deep

Telephone:
69018/9



DELIVERED FREE £3 15s.

Ready for Erection

N. C. BROWN LTD.

SHELVING DIVISION • EAGLE STEEL WORKS
HEYWOOD • LANCS

SURE-SELLING STOCK!

OVER 150 YEARS REPUTATION

KEARSLEY'S

THE ORIGINAL

WIDOW WELCH'S FEMALE PILLS

Over 10d BOX PROFIT by ordering 1 dozen 4/3 size. Bonus given on every dozen (13). It pays to push this size.

Established 1787
in the Reign of
King George III

C. & G. KEARSLEY LTD
71 DARTMOUTH ROAD, LONDON, S.E.2

LION 9

SALES AHEAD

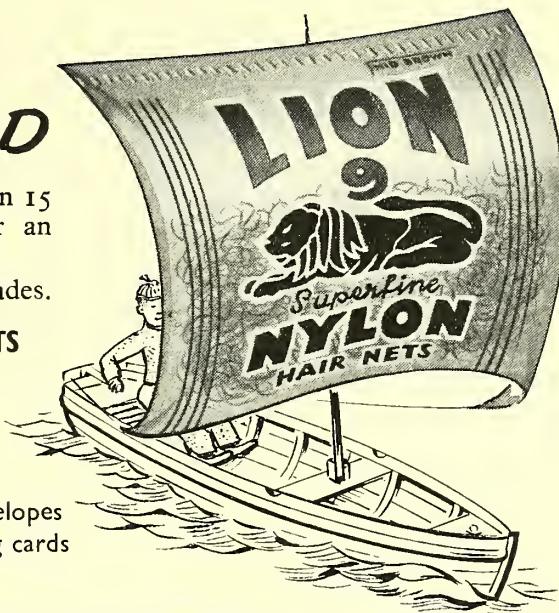
Non-stop sales of these super quality hair nets in 15 denier nylon prove the amazing demand for an invisible hair net of more than usual strength.

LION 9 nylon hair nets are available in all hair shades.

LION 9 NYLON HAIR NET ADVERTISEMENTS
are read by over
6 MILLION WOMEN every month.



Packed singly in film envelopes
and displayed on hanging cards
or in counter cartons.



From your wholesaler or write for address of nearest stockist.

ROBERT SHAW & CO. LTD

ASCOT ROAD, NOTTINGHAM. Tel: NOTTINGHAM 71231/2

London Office: Condor House, St. Paul's Churchyard, E.C.4. Tel: CITY 3359

Makers of Quality Hair Nets since 1905

Cork Lined sleeves—
Corrugated pull-through boxes
with or without divisions, of course!

COMPRESSED PAPER PACKING LIMITED

HORTON ROAD • WEST DRAYTON • MIDDLESEX • Tel: WEST DRAYTON 2237

The
CHEMIST AND DRUGGIST
 CLASSIFIED ADVERTISEMENTS (Prepaid)

Specially spaced Advertisements, including:—Public and Legal Notices, Sale by Auction, Appointments, Contract Work, Patents, Partnerships, 18/- per $\frac{1}{2}$ inch minimum and pro rata. Box 2/- Clearances and Wants, Businesses for Disposal and Wanted, Premises, Agents Wanted, Agencies Wanted, Miscellaneous, 17/6 for 36 words minimum: then 4d. per word. Box 2/- Situations Vacant, 12/- for 36 words minimum, then 4d. per word. Box 2/- Situations Wanted, 3/- for 18 words minimum: then 2d. per word. Box 1/- Replies to Box numbers should be addressed to:—The Chemist and Druggist, 28, Essex Street, Strand, London, W.C.2. Phone: CENtral 6565.

ORRIDGE & COMPANY

CHEMIST BUSINESS TRANSFER AGENTS AND VALUERS WHOLESALE AND RETAIL

BRANCHES: BIRMINGHAM · SOUTHAMPTON · LIVERPOOL · SHEFFIELD · CARDIFF

Irish Representative : Mr. J. A. Bassett, Ph.C., 57 Great Victoria Street, Belfast, Northern Ireland Tel : Belfast 27078

PREMISES TO LET

DURHAM

Multiple Position, Main Street.
Shop Premises to Let.
Ideal for multiple.
Frontage 14 ft,
Write, Owner
Box C 4634

SIDCUP, KENT. Corner shop and flat (one only available) in imposing parade of 9 units. Monopoly position in centre of extensive residential estate. Splendid opening for chemist, baker, fishmonger. Rent £450 per annum. Apply Page & Bartlett, 17 Connaught Street, W.2. Ambassador 3166/8. C 4637

BUSINESSES FOR DISPOSAL

WORTHING. Established pharmaceutical chemists in busy position. Fine lock-up shop and stockroom, good lease at moderate rent. Genuine sale owing to death. Audited accounts available. Price £2,500 s.a.v. Apply John D. Symonds & Co., 74 Chapel Road, Worthing. (Tel.: 623/4). C 4635

BUSINESSES WANTED

WE WISH to purchase a number of proprietary medicine or allied businesses. Size immaterial. Please address all communications, which will be treated in strictest confidence, to Managing Director, Clivedon Corporation, Ltd., Abford House, Wilton Road, London, S.W.1. C 4599

APPOINTMENTS

ADMIRALTY PHARMACISTS

Applications are invited from Pharmaceutical Chemists for posts as Pharmacists in Royal Naval Hospitals and Medical Depots at Home and Abroad. Salary scale £580 x £30—£760 x £25—£785. Starting pay according to previous professional experience. Allowance of £25 a year payable in addition to holders of recognised qualifications higher than the normal pharmaceutical qualification. Foreign Service Allowance payable overseas. Prospects of promotion to higher ranks. Superannuation benefits under National Health Service (Superannuation) Regulations 1950: deduction of 6 per cent. made from salary on that account. (Pharmacists due to be entered for compulsory National Service cannot be accepted as candidates for entry in this civilian grade.) Apply to, or call at: Medical Department, Admiralty, Queen Anne's Mansions, St. James's Park, London, S.W.1. C 6548

ARCHWAY GROUP HOSPITAL MANAGEMENT COMMITTEE, WHITTINGTON HOSPITAL, N.19

Pharmacist
required, Salary £580-£785. Candidates may visit the department by direct arrangement with the Medical Superintendent (Archway 3070). Applications stating age, qualifications and experience and naming two referees to Group Secretary, 46 Cholmeley Park, N.6, within 10 days. C 6531

BERMONDSEY & SOUTHWARK GROUP HOSPITAL MANAGEMENT COMMITTEE

Locum Pharmacist
Locum tenens pharmacist required for the period June 3 to 29, 1957, two weeks at each of two hospitals in this Group. Salary at the rate of £15 15s. per week. Apply to the Hospital Secretary, St. Olave's Hospital, Lower Road, Rotherhithe, S.E.16. C 6568

CENTRAL MIDDLESEX HOSPITAL, PARK ROYAL, N.W.10

Assistant-in-Dispensing
Applications are invited for the above post. Applications stating age, qualifications and experience, together with the names of two referees to Medical Director immediately. C 6563

CLARE HALL HOSPITAL, SOUTH MIMMS, BARNET, HERTS

Assistant-in-Dispensing
required. Whitley Council rate of pay, plus London Weighting. Applications to Medical Director. C 322

CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE

Locum Pharmacists
required for duties within the Group during period:—

10th June—15th June;
19th August—24th August.
Salary up to 16 guineas per week. Applications to Chief Pharmacist, St. Leonard's Hospital, Nuttall Street, London, N.1. C 312

CLARE HALL HOSPITAL, SOUTH MIMMS, MR. BARNET, HERTS

(405 beds for diseases of the chest)
Senior Pharmacist

required, Whitley Council scale, including London Weighting (also £25 per annum for higher qualification if appropriate). Department serves other hospitals. Applications, stating age, qualifications, experience, and giving names of two referees, to be sent to the Medical Director. C 6533

CENTRAL MIDDLESEX HOSPITAL, PARK ROYAL, N.W.10

Post-graduate Pharmaceutical Students (2)
required for one year. Vacancies June and September. Applications stating age, qualifications and experience, names two referees to Medical Director immediately. C 6564

184 STRAND, W.C.2 Tel : TEMple Bar 9212/3 & 6340

CONNAUGHT HOSPITAL, WALTHAMSTOW, E.17

Locum Assistant-in-Dispensing
(Apothecaries' Hall Certificate) required for the week 27.5.57 to 1.6.57. Salary £9 11s. 6d. Apply Secretary, Forest Group H.M.C., Langthorne Road, E.11. C 6517

CROYDON GROUP HOSPITAL MANAGEMENT COMMITTEE, MAYDAY HOSPITAL (611 beds)

Senior Pharmacist

Immediate vacancy. Modern Department. Opportunity to secure wide experience in Hospital Pharmacy. Salary scale £650 x £30 (6)—£830 plus London Weighting. Higher qualification allowance payable where applicable. Written application giving age, qualifications and details of previous experience to be sent to the undersigned within 7 days of the date of this advertisement.

GEORGE A. PAINES,
Group Secretary.

General Hospital,
London Road, Croydon. C 6518

CRUMPSALL HOSPITAL, MANCHESTER, 8

Pharmacist

A vacancy exists for a pharmacist. Whitley Council conditions apply. Please apply by letter to the Hospital Administrator as soon as possible. C 6532

GENERAL HOSPITAL, MARGATE

Deputy Chief Pharmacist (Category IV)

Whitley Council salary scale £675 to £910 per annum. Applications, stating age, qualifications and experience, with names of two referees, to the Hospital Secretary. C 325

HIGHBURY HOSPITAL, BULWELL, NOTTINGHAM

Pharmacist

Applications are invited for Pharmacist. Full-time. The post offers opportunity to obtain experience in general pharmaceutical work. Salary and conditions of service in accordance with the Pharmaceutical Whitley Council Regulations. Applications, stating age, qualifications and names of two referees to be sent to the Hospital Secretary as soon as possible. C 6551

HOSPITALS FOR DISEASES OF THE CHEST, LONDON CHEST HOSPITAL, E.2

Locum Pharmacist

required immediately for an indefinite period. Applications to House Governor. C 6553

HOSPITALS FOR DISEASES OF THE CHEST, THE LONDON CHEST HOSPITAL

Pharmacist or Senior Pharmacist

Applications are invited for the post of pharmacist or Senior Pharmacist at the London Chest Hospital. Salary in accordance with the Whitley Council scales. Applications, stating age, qualifications and experience, accompanied by two testimonials should be addressed to the House Governor, London Chest Hospital, E.2. C 6552

INVEST WITH THE
CITY OF NOTTINGHAM
MORTGAGE LOANS FOR 2, 3, 5 OR 7 YEARS
TRUSTEE SECURITIES
NO EXPENSES TO LENDER

For current terms and particulars apply to:

CITY TREASURER, EXCHANGE BUILDINGS, NOTTINGHAM.

C 6557

Appointments—Continued

**KING EDWARD VII HOSPITAL,
WINDSOR**

Locum Pharmacist

required, June to August inclusive. Salary by arrangement. Applications to Secretary, as soon as possible. C 6504

**MEDWAY & GRAVESEND
HOSPITAL MANAGEMENT
COMMITTEE,**

**ST. BARTHOLOMEW'S HOSPITAL,
ROCHESTER, KENT**

(201 beds)

Pharmacist

required for busy general hospital; good experience. Recognised salary scale and conditions of service.

Applications, giving full details of experience and names of two referees, to the Hospital Secretary. C 6569

**METROPOLITAN HOSPITAL,
KINGSLAND ROAD, E.8**

Locum Pharmacist

required from May 20, 1957, for an indefinite period. Salary 14 gns. to 16 gns. per week according to experience. Applications to Hospital Secretary. C 6555

**NAPSURY (MENTAL)
HOSPITAL**

**MANAGEMENT COMMITTEE,
Nr. ST. ALBANS, HERTS**

Senior Pharmacist

Applications are invited for the above post. £50 x £30—£830. New Pharmacy in course of construction.

Applications to the Group Secretary, with names of two referees, endorsed "SENIOR PHARMACIST." C 301

**PINEWOOD HOSPITAL,
NINE MILE RIDE,
WOKINGHAM**

Locum Chief Pharmacist

required from August 26 to September 14. Salary £16 16s. per week. Resident post if required. Applications to Secretary. C 6549

**ROYAL FREE HOSPITAL,
GRAY'S INN ROAD, W.C.1**

Locum Pharmacist

required at the above hospital during June and July. Salary 16 guineas per week. Applications, with names and addresses of two referees, should be addressed to Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, W.C.1. C 6537

**SOUTH MANCHESTER H.M.C.,
WYTHENSHAWE HOSPITAL,
MANCHESTER, 23**

Locum Pharmacist

Required, July 8 to July 13 inclusive. Salary 16s. per week. Applications immediately to Administrative Officer. C 6559

**ROYAL GWENT HOSPITAL,
NEWPORT, MON (260 beds)**

Dispenser

Required (Apothecaries' Hall). Salary according to £225 at 18, £255 at 19, £290 at 20, £21, 22 or over £395—£510. Write stating age and two referees to T. A. Jones, Group Secretary, 64 Cardiff Road, Newport. C 6550

**ST. LEONARD'S HOSPITAL,
NUTTALL STREET, LONDON, N.1**

Locum Assistants-in-Dispensing
(Apothecaries' Hall Certificate) required for the following periods:

9th—22nd June,
14th—27th July,
28th July—3rd August,

25th August—31st August

for duties at three Hospitals within the Group. Further enquiries from, and applications to, the Chief Pharmacist, St. Leonard's Hospital, Nuttall Street, London, N.1. C 6538

**THE UNITED
NEWCASTLE-UPON-TYNE
HOSPITALS**

Locum Pharmacist

required for duties at the Royal Victoria Infirmary for May, June and July.

Applications to be sent as soon as possible to the House Governor and Secretary, Royal Victoria Infirmary, Newcastle-upon-Tyne, 1, with details and names and addresses of two referees. C 6508

**WEST LONDON HOSPITAL,
HAMMERSMITH ROAD, W.6**

Senior Pharmacist

Applications invited for the above post to take charge of production, sterile preparations and stores at the above-mentioned general teaching hospital of 230 beds. Whitley Salary Scales and conditions. Detailed applications to Secretary. C 6541

**YORK "A" AND TADCASTER
H.M.C.,**

COUNTY HOSPITAL, YORK

Pharmacist

required at the above hospital. Salary £580 x £30 (6) to £769 x £25 (1) to £785 p.a., plus £25 p.a. higher qualification allowance, e.g., F.P.S., A.R.I.C. Applications stating age, qualifications, experience and names of two referees to Group Secretary, Bootham Park, York. C 6562

SITUATIONS VACANT

RETAIL (HOME)

ASSISTANT PHARMACIST. Applications are invited from male or female pharmacists to fill vacancy which has arisen. Duties mainly at central pharmacy but also required to act as relief manager at branches when occasion arises. Excellent opportunity to acquire and extend varied experience and knowledge of management, with prospects of further promotion. A first-class salary will be offered to suitable applicant. Apply Superintendent Chemist, Leeds Industrial Co-operative Society, Ltd., Pharmacy Department, 6 Albion Street, Leeds, 1. C 4643

LADY ASSISTANT required. Experienced drug and toilet counters. Good salary. Holidays this year. All leading agencies. Apply stating age and experience. S. H. Newman, M.P.S., 19 Victoria Road, Surbiton, Surrey. (Phone: Elmbridge 2124.) C 4639

LONDON, N.W. Pharmacist required as Branch Manager for easily run pharmacy in pleasant district. Salary £900, plus very generous commission. Apply with particulars to Mr. Dermot McEwan, 30 Rosslyn Hill, London, N.W.3. C 4630

**ETHICAL PHARMACEUTICAL
REPRESENTATIVES**

The well-known British Group, Smith & Nephew, expanding in the ethical pharmaceutical field, have formed a new subsidiary, Smith & Nephew Pharmaceutical Limited. Backed by an energetic research and development programme our ethical representatives have the unique opportunity of taking part in the growth of a new Company.

We are selecting pharmacists as ethical representatives, men who understand team spirit and wish to make their career with us. Appointments have not yet been made for two territories, one in the South-east and the other in the South-west of England, and applications are invited from qualified men. Intensive technical/commercial training will be given and commencing salary will be commensurate with experience and qualifications.

Pensions and Life Assurance Scheme after qualifying period. Travelling expenses and Company car provided. Previous applicants cannot be reconsidered.

Please write, giving concise details of age, qualifications and experience to: Director, Smith & Nephew Pharmaceuticals Limited, Bessemer Road, Welwyn Garden City, Herts. C 6561

YORK CO-OPERATIVE CHEMISTS SOCIETY, LTD., require pharmacists, ladies or gentlemen, for permanent progressive positions as branch managers. Good wages and conditions. Apply, Superintendent Chemist, York Co-operative Chemists Society, Ltd., 22 Railway Street, York. C 327

LOCUMS WANTED

PHARMACIST required as Locum for any period of five weeks from July 22 to end of September. Capable and adequate staff employed. State terms to Chatham Co-operative Chemists, Ltd., 181 High Street, Chatham, Kent. C 4602

PHARMACIST required for branch relief for period June 3 to August 31, inclusive. Permanent position available either immediately or at end of period if preferred. Full particulars to Superintendent Chemist, York Co-operative Chemist Society, Limited, 22 Railway Street, York. C 4626

RETAIL (OVERSEAS)

NORTHERN RHODESIA

INCREASED business and an extensive expansion policy enables a well-established firm of retail and wholesale chemists to offer progressive positions to pharmacists and unqualified assistants.

Contributory Pension Scheme.
Medical Aid Fund.

Accommodation—On a rent-free basis.

Leave Conditions:—
40 days per annum with travelling expenses at the rate of £200 (married) and £100 (single) after the first contract of 3 years' satisfactory service.
30 days leave per annum may be accumulated for a maximum period of 3 years, and 10 days must be taken locally depending on the exigencies of the service.

Passage:—
Passages and train fare paid to Northern Rhodesia on understanding that employees remain for 3 years. Should any employee resign in the interval a pro rata proportion of the passage and train fare becomes repayable.

Salary Scale:—
The minimum per month for the 1st, 2nd and 3rd year respectively will be:—

1st year 2nd year 3rd year

Qualified : £80 £90 £100

Unqualified : £55 £65 £75

Write in confidence, giving fullest details as to age, qualifications, experience, marital status, etc., to:—

The Secretary,
Holdsworths (Chemists), Limited,
P.O. Box 20,
BROKEN HILL,
Northern Rhodesia. C 6527

McCLURE, YOUNG & CO., LTD.

have a vacancy for a full-time representative for part of London and Home Counties. New car supplied, all expenses paid, good salary and commission.

Prospects excellent for a directorship in a popular independent drug House.

Apply Managing Director, Elgar 5424.

C 6566

**SALES MANAGER—
PHARMACEUTICAL DIVISION**

British Schering Limited have a vacancy for a Home Sales Manager in the Pharmaceutical Division. Applicants aged 30-40 years should have had at least four years' experience of sales management in the industry, and preferably have spent some time as medical representatives.

They should in particular be conversant with the drafting and implementation of Sales promotional programmes in their broadest aspects. The post provides full scope for initiative and advancement and an adequate incentive will be provided. Candidates will be eligible for the Company's superannuation scheme. The salary will be dependent on the experience and qualifications of the successful applicant.

Applications should be addressed in confidence to the Sales Director, British Schering Limited, 229/231 Kensington High Street, London, W.8.

C 6544

Situations Vacant—Continued**WHOLESALE****ALLIED LABORATORIES, LIMITED**

Applications are invited for the position of medical representative for the area comprising Hertfordshire, Bedfordshire and Buckinghamshire. Previous experience is not essential but applicants should have a good pharmaceutical background, reside in this area and preferably be car owner. Remuneration by salary, commission and expenses. An attractive pension scheme is in operation. Write giving full details of career to date to Sales Manager, Allied Laboratories, Ltd., 140 Park Lane, London, W.I. C 6535

APPLICATIONS are invited from young pharmacists, age limit 30, for a permanent and progressive post in the production department of an ethical pharmaceutical company. The duties include the supervision of the manufacture, filling, and packaging of liquid preparations and ointments and of the packaging of tablets. Previous industrial experience an advantage but enthusiasm and ability to learn quickly are an acceptable alternative. The company works a five-day week and a contributory pension scheme is in operation. Applications stating age, qualifications and experience to the Works Manager, Ciba Laboratories, Limited, Horsham, Sussex. C 6534
BECAUSE of expansion of our Sales Force there are vacancies throughout the country for representatives to call on doctors, hospital and retail pharmacists. Applicants should have some pharmaceutical background or training and should be between 25-35 years. Previous selling experience will be an advantage. Remuneration is by salary and a prize scheme is operated. Expenses are allowed, company car provided and there is a non-contributory pension scheme. Applications giving full particulars of education and past experience should be addressed to Sales Manager, Lederle Laboratories Division, Cyanamid of Great Britain, Ltd., Bush House, Aldwych, London, W.C.2. C 6525
DRUG PRICING and telephone order clerk (female) required by South-east London house. Five-day week, Canteen facilities. Details of experience to Box C 6519.

**CENTRAL AFRICAN FEDERATION
INVESTMENT**

Opportunity exists for investment in particularly profitable and well established organisation engaged in the wholesale distribution of pharmaceuticals, surgical instruments, chemicals and allied products. Principals available U.K. for discussion. Write Box C 4593.

REPRESENTATIVE

Firm of repute in the pharmaceutical trade manufacturing a wide range of high-class products, well presented and supported, have a vacancy for an enthusiastic representative who can really sell, in the LANCASHIRE area. Applicants should reside in area, be car owner and have had previous experience in the trade. Remuneration will be progressive, and mainly as salary. Car and hotel allowance.

If you are looking for a progressive position with an expanding company and are prepared really to work for it, send details of present and past employment to Box C 6567.



One hundred years
of service to
CHEMISTS
and
DEPT. STORE

SOLPORT
BROTHERS LIMITED

"PORTIA" HOUSE, 44-47 SPENCER ST
LONDON, E.C.1.-

Telephone : Clerkenwell 2472

::

Cables : SOLPORT, LOND

Situations Vacant—Continued

Due to continued expansion a Pharmaceutical Company of International repute has vacancies for Medical Representatives in the following areas:

Northern Ireland,
Glasgow and Edinburgh,
Sheffield,
Hampshire and Berkshire,
Bristol,
London.

These positions offer considerable scope in a young and progressive company to young men with pharmaceutical qualifications or pharmaceutical background.

A good commencing salary will be paid and a car will be provided.

The company operates a generous non-contributory pension and life assurance scheme.

Applications, giving age, full details of career to date, etc., to Box C 6530, quoting reference G7/26.

EXPERIENCED representatives used to calling on wholesale and retail chemists, hardware and large stores, required for: (a) London Postal Districts, E.C., E., S.E., S.W.; (b) the counties of Middlesex, Oxfordshire, Buckinghamshire, Berkshire, Wiltshire, Hampshire, by leading manufacturers whose products include Suba Seal hot-water bottles, baby feeding requisites and Suba Maid domestic products. Progressive position, good salary, commission and expenses. Applications stating age, experience and present territory to William Freeman & Co., Ltd., Suba Seal Works, Peel Street, Barnsley, Yorkshire. C 6560

GENATOSAN, LIMITED,
a Member of the Fisons Group

requires a Chemists' Representative for a territory consisting substantially of Wiltshire, Gloucestershire, Herefordshire, Worcestershire and Shropshire. Applicants must have pharmaceutical qualification or background or good selling experience in a similar field. Successful applicant will be expected to reside on the territory, preferably near Bristol or Gloucester. This vacancy arises due to the present representative transferring to another territory. The post is well remunerated and superannuated. Any existing holiday arrangements will be respected. Applications in confidence must contain full details of age, education and experience, and be addressed to the Personnel Officer, Genatosan, Limited, Loughborough. Please quote Ref.: 23. C 6529

EADING IMPORTER/EXPORTER/DISTRIBUTOR has opening for young man as sample clerk, previous experience not essential, but interest in chemistry an advantage. Reply Box 315.

MANGER of proprietary and ethical department of wholesale house in the North Midlands requires an assistant, whose main duty will be to take control of the sundries' section, including buying. Must have previous experience of wholesale trade, and be fully conversant with retail pharmacists' requirements. Pension scheme in operation. Please send full details, including present salary to the Secretary, Box C 4644.

PORTUNITY for young pharmacist of either in Laboratories of London manufacturing chemists. Five-day week, canteen, etc. Particular candidate might be considered for appointment. Reply to Box C 4645.

MEDICAL REPRESENTATIVE required to cover Yorkshire/Durham/Northumberland area. Applicants between 25 and 40 years of age will be considered and a good pharmaceutical background is an important asset. Previous experience as medical representative not essential as full instruction will be given. Please state age and salary required. Box C 326.

REPRESENTATIVE required to take over established connection with retail and wholesale chemists, etc., in Staffordshire, Warwickshire, Shropshire and Worcestershire selling nationally advertised cosmetics showing steady increase in turnover. Must be car owner and live on territory. Liberal salary, commission and expense allowances. Extra petrol available. Write fully, stating present earnings, to Box 4196, Frost-Smith Advg., 64 Finsbury Pavement, London, E.C.2. C 6547

S. MAW SON & SONS LIMITED

invite applications from men with successful sales experience as Chemist Salesmen in Leeds and districts. Applicants should be between 27 and 41, and able to take up residence on the territory concerned. Introduction to the Company's Sales Organisation and Products through comprehensive training will commence shortly. Remuneration will be by salary, commission and expenses; a car is provided. Applicants should give full details of education and previous appointments in strictest confidence to: Home Sales Manager, S. Maw Son & Sons Ltd., Aldersgate House, Barnet, Herts. C 6509

PHARMACIST, lady, required for special dispensing department in laboratory. 5-day week. Apply, Pharmacy Superintendent, Timothy Whites, Burley Hill, Leeds, 4. C 6536

PHARMACIST, as management trainee required by Beecham Pharmaceuticals, Ltd., St. Helens, Lancs. Progressive appointment. Five-day week. Profit-participation and pension scheme. Apply to Personnel Manager for application form. C 6545

PRODUCTION CHEMIST required by soap and cosmetic company London area. Box C 4641.

PRODUCTION FOREMAN

required to supervise the manufacture of pharmaceutical specialties. Applicants should have a sound knowledge of modern production methods. 5-day week. Canteen facilities. Modern factory. Apply giving full details to Box C 6523.

QUALIFIED production chemist required by wholesale manufacturing chemists. Moderate size, steadily expanding. Eastern area. Good prospects for energetic and capable man. Apply Box C 4633.

REPRESENTATIVE WANTED

REPRESENTATIVE required to call on chemists in North and East London, selling nationally known sanitary towels, surgical dressings, and chemists' sundries; salary, commission and expenses. Box C 4618.

REPRESENTATIVE required by manufacturers of first-class domestic electric blankets (British Standard—Kite Mark) for London and Home Counties and some other areas. Good contacts with retail and wholesale chemist trade required. Please state present activities and area covered. Box C 4636.

REXALL DRUG COMPANY LIMITED

require an experienced representative, preferably with connection among retail pharmacists in the Middlesex and Oxon area. Applicants should be of pleasing personality and appearance, age 27-40 years, and capable car drivers. Good salary, plus commission; full reimbursement of expenses; company car provided; contributory pension scheme in operation. Applications, which will be treated as strictly confidential, to Sales Manager, Rexall Drug Company Limited, Loughborough. C 6539

SALES MANAGER of proved ability required by progressive chemists' wholesalers, London. Write fullest particulars. Box C 4640.

SENIOR PHARMACIST

required with administrative ability fully competent to supervise the manufacture of pharmaceuticals, including tablets and sterile solutions. Experience in modern large-scale production essential. Good promotion prospects. Five-day week. Pension scheme. Applications in writing to the Technical Director, C. J. Hewlett & Son, Ltd., King George's Avenue, Watford, Herts. C 6565

TOILET preparations manufacturers require fully experienced representative for chemists and high-class stores, Eastern area. Car owner preferred. Write fully in confidence. Box C 4632.

TABLET FOREMAN

required for modern factory in N.W. London. 5-day week. Canteen facilities. Write giving details of experience in this type of work to Box C 6524.

WINTHROP LABORATORIES, LIMITED, require a young pharmacist in their Product Development Department at Newcastle-upon-Tyne. Graduate preferred. This is an opportunity to work with an expanding organisation in one of the most modern factories in Europe. Working conditions are excellent and a good pension and assurance scheme is in operation. Suitable candidates will be interviewed at the company's expense. Applications with details of age, education and experience should be made to the Labour Manager, Winthrop Laboratories, Ltd., Edgefield Avenue, Newcastle-upon-Tyne, 3. C 4622

WORKS CHEMISTS. May & Baker, Ltd., Dagenham, Essex, due to expansion and staff promotions, have vacancies for two Works Chemists for control of chemical plant and processes. Applicants should be of B.Sc. standard, with a thorough grounding in organic chemistry. Candidates will be considered from students completing their course this summer. Salary according to qualifications and experience. Prospects are excellent for candidates with appropriate personality and flair for production work. Apply initially in writing, quoting reference No. 79, to the Personnel Officer. C 6542

YOUNG GRADUATE interested in development work required for modern functions in Crawley New Town where a wide range of pharmaceutical and fine chemical products is manufactured. Please write for application form to Personnel Manager, The Vitamins Group, Upper Mall, London, W.6. C 6558

WHOLESALE (OVERSEAS)

APPLICATIONS are invited for positions of Sales Representatives with large company of wholesale distributors of medical supplies and allied products in the Central African Federation. These vacancies offer excellent possibilities for advancement. Principals available U.K. for interview. Write Box C 4594.

ASSISTANT CHEMISTS. A large firm in Johannesburg requires qualified graduate chemists. Commencing salary £740/£890 p.a., with passage grant. Work to include control of raw material, supervision of physical testing, gas analysis, concrete analysis and plant improvement. Apply the Manager, Southern Africa Settlement Association, Grand Buildings, Trafalgar Square, London, W.C.2. C 6556

Show 'Elasto' — It Sells on Sight



Your profit — 33½% on each sale!

AGENTS WANTED

AGENT required for East Midlands and Lincolnshire to handle nationally advertised cosmetics showing steady increase in turnover. Established connections with wholesale and retail chemists, etc. Generous commission. Write in confidence to Box 4194, Frost-Smith Advg., 64 Finsbury Pavement, London, E.C.2. C 6546.

AGENTS WANTED. Soaps, medicated and toilet, and allied products. Progressive established Company requires agents calling on wholesale and retail chemists, stores, etc. Remuneration by commission only with sole agency for each area. All accounts handed over. Areas available: Lancs, Cheshire, Potteries, East Anglia, South Coast, West Country, South Wales, and Eire. Applicants should give details of experience, area covered, and of other lines carried. Box C 4621.

COSMETIC BAGS and 'toilet' holdalls. Experienced free-lance traveller required. Liberal commission only. Columbia Products Company, Ltd., 1 Dukes Avenue, London, W.4. C 6540.

ESTABLISHED manufacturing chemists offer three first-class Summer lines to firm or agents for selling to chemists in all parts of the country on commission basis, with or without distribution. Firms or agents please state area covered and other agencies held. Box C 4627.

PHOTOGRAPHIC part-time representatives wanted. Company expanding field activities require agents to sell to chemists' photographic departments. Excellent commission. Box C 4646.

SOLE AGENTS required for several areas to develop sales of unique, uncompetitive, non-seasonable and untaxed edible. Product is well-known but regular retail contact has not been maintained and applicants should be prepared to re-establish. Regular repeats and high earnings assured. Liberal commission. Please give complete information including territory. Box C 4631.

SITUATIONS WANTED

WHOLESALE

YOUNG, recently qualified pharmacist, resident Ireland, desires position as medical representative Great Britain or Ireland. Available interview. Box C 4638.

AGENCIES WANTED

ADVERTISER, with 25 years' connection with trade in City and West End seeks agencies for promoting reputable advertised lines in that area. Box C 4642.

BUSINESS OPPORTUNITIES

MANUFACTURING AND DISTRIBUTING SERVICE. Well-established house of long standing and excellent reputation prepared to give services for distribution and/or manufacture of an additional nationally advertised cosmetic or toiletry line suitable for the chemists' trade, providing it is not competitive with the lines already carried. Supporting details available of successful operations already being carried out. All enquiries treated in strictest confidence. Box C 4564.

IMPORTANT

Office Box numbers are intended exclusively for specific answers to particular advertisements. Price Lists, Trade circulars, Samples and Printed Matter cannot be forwarded.

CITY AND COUNTY OF BRISTOL HEALTH COMMITTEE

Quotations invited for supply of drugs, chemicals and medical sundries for City Health Centres, etc., for six months commencing July 1, 1957.

Forms of tender from the undersigned, returnable in plain sealed envelope by 10.0 a.m. on June 1, 1957, superscribed to show goods tendered for, but without any name or mark indicating sender.

Lowest or any tender not necessarily accepted.

R. C. WOFINDEN,
Medical Officer of Health

Tower Hill,
Bristol, 2.

C 6571

MISCELLANEOUS

BETTER DUPLICATE BOOKS at lower prices. Specialist equipment enables us to produce attractive, specially printed duplicate books at amazingly low prices. List free. Brown, Ltd., Caldervale Works, Burnley, Lancs. C 318.

JODEZ (MANCHESTER), LTD., for fashion jewellery. Just arrived from abroad, the newest lines for summer trade, 4,000 designs to choose from. Parcels from £10 upward, c.o.d. or approval. References. Jodez (Manchester), Ltd., 8 Shudehill, Manchester, 4. C 6514.

OVERALLS. If you are interested in smart, high-class overalls, including Nylon, write for our new illustrated catalogue free. Ernest Draper & Co., Dept. (T), Northampton. C 6481.

SUPPOSITORY EXCIPIENTS "IMHAUSEN" — in five different grades to suit individual needs — available from Chemicals Trading Company, Ltd., 102 Bishopsgate, London, E.C.2. C 300.

DEVELOPING AND PRINTING

D. AND P.

We offer a first-class Service to Photo-Dealers and Chemists in all parts of the country.

Postal bags and Show Material free.
QUALITY • SPEED • RELIABILITY

PERFEX PHOTO SERVICE

F. R. Hughes

MELKSHAM

WILTS

C 304

MEDIUM SIZED D. & P. WORKS

established 16 years, with enthusiastic management and staff and with the very latest equipment, would welcome your D. & P. enquiries. Postal service is per return but quality is not sacrificed. P.D.A. prices and discounts. We are members of P.D.A., W.P.F.A., and I.B.P. Mr. L. H. Morgan, Gwent Photographic Services, Snatchwood Works, Pontypool, Mon. Tel.: Talywain 355. C 274

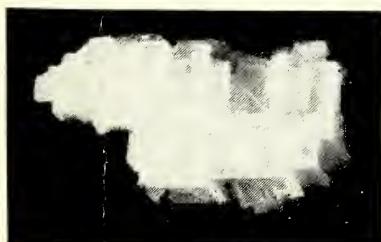




the crystal harvest

Not on tall straws is borne the fruit of harvest here at Whiffens—but on a slender string! For, in these parts, crystals are the main crop and the best are grown on strings. Potassium Bromide crystals, Potassium Iodide crystals—crystals of exceptional quality to serve the pharmaceutical industry.

We have grown a lot of crystals in our hundred years as manufacturers and with them has grown our reputation for consistency and high standards, which proves beyond measure the importance of good husbandry in the production of fine chemicals.



WHIFFENS

*Industrial and Pharmaceutical
Chemical Division of Fisons Ltd*
fine chemicals

WHIFFEN & SONS LTD
FISON HOUSE, 95 WIGMORE STREET
LONDON, W.I
Telephone: Welbeck 5500
Telegrams: Whiffen, Wesdo, London



*When pollen abounds . . .
 . . . and hay fever torments*

PIRITON DUOLETS

*provide
day with
and night
therapy*

Outer layer containing 4 mg.
of Piriton maleate dissolves
immediately and provides
rapid relief.



Inner core
containing 4 mg. of Piriton
maleate, enclosed in a special
barrier for timed release, pro-
vides prolonged relief.

★ MINIMUM DOSAGE

The effective dose of Piriton is 1/10 to 1/50 of that of most other antihistamines.

★ MINIMUM INCONVENIENCE

Piriton is notably free from side effects;
reports of dizziness and drowsiness are
extremely rare.

★ MAXIMUM PROLONGED EFFECT

Piriton Duolets with a proven delayed
action due to specially coated inner core
provide sustained action over a period of
from eight to twelve hours.

BOTTLES OF 25
CONTAINERS OF 250

TRADE PRICE 84/- doz.
TRADE PRICE 56/6 each